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LIST OF INTERCEPTED PLANT PESTS, 1968

(Pests Recorded From July 1, 1967, Through June 30, 1968)

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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service

LIST OF INTERCEPTED PLANT PESTS, 1968

(Pests Recorded From July 1, 1967, Through June 30, 1968)

Compiled by
David H. Girard
Plant Quarantine Inspector

INTRODUCTION

This report of the 55th year of plant quarantine work in the United States summarizes the records of plant pests found in, on, or with plants, plant products, and carriers (1) imported into or entering the United States or the offshore possessions, (2) offered for entry but refused, (3) in quarters or stores of planes and ships, (4) entered for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

Insects, mites, mollusks, diseases, and nematodes are tabulated separately. The pests listed are of known or potential importance to agriculture and not reported or widely distributed in the United States. Some common organisms are included if they are new to the country of origin or the host plant.

Records were made from identifications received during the fiscal year 1968 and include some interceptions from previous years that were not determined until this year. Most insect and mite identifications are made by specialists of the Entomology Research Division and Plant Quarantine Division (both of the U.S. Department of Agriculture) and the Department of Entomology of the U.S. National Museum of the Smithsonian Institution. Snail identifications are made by workers in the Plant Quarantine Division and the Division of Mollusks of the Smithsonian Institution. Disease, nematode, and host identifications are made by personnel of the Plant Quarantine Division and the Crops Research Division.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division who assist in compiling the list. Nematode names are checked in Nematology Investigations and host names in the New Crops Research Branch. The common names given for hosts are usually those shown in Standardized Plant Names. Every effort is made to conform to the International Rules of Nomenclature.

Family names of insects, mites, and snails are given in the tabulation and orders are shown in the host list. All the diseases in the tabulation are fungi, except as noted after the names.

NOTES ON PESTS INTERCEPTED

The total number of interceptions submitted during the fiscal year 1968 was 44,454. Of those identified during the year, 11,346 were considered of enough significance to be tabulated, as compared with 11,407 the previous year. This does not include the non-economic pests, of which a total of 390 interceptions were indexed for the files but were not added to the figures in the summary.



Pestina was developed by the U.S. Department of Agriculture and symbolizes the need for the traveling public to comply with agricultural plant quarantine laws, thus helping to prevent the spread of agriculture pests. Such pests are capable of causing millions of dollars in crop losses and often are transported in foreign fruits, plants, and meats. Pestina is portrayed as a public-spirited figure, helping to remind travelers to leave behind foreign fruits, vegetables, and plants, unless such items have USDA clearance.

SUMMARY OF NUMBERS OF INTERCEPTIONS LISTED

Country	Insect	Mite	Mollusk	Disease	Nematode
AFRICA:					
Africa (country-?).....	7	.....	2	.....	.....
Algeria.....	.....	.....	2	.....	.....
Angola.....	8	.....	.....	.....	.....
Cameroon.....	4	.....	.....	.....	.....
Canary Islands.....	1	.....	.....	.....	.....
Cape Verde Islands.....	1	.....	.....	.....	.....
Ethiopia.....	5	.....	.....	.....	.....
Gambia.....	1	.....	.....	.....	.....
Ghana.....	8	.....	.....	1	.....
Guinea.....	1	.....	.....	.....	.....
Ivory Coast.....	9	.....	.....	.....	.....
Kenya.....	5	.....	.....	1	.....
Liberia.....	7	.....	.....	.....	.....
Libya.....	2	.....	24	1	.....
Madagascar.....	1	.....	.....	.....	.....
Madeira Islands.....	1	.....	.....	.....	.....
Morocco.....	2	.....	10	.....	.....
Nigeria.....	3	.....	.....	.....	.....
Rhodesia.....	8	.....	.....	.....	.....
Senegal.....	2	.....	.....	1	.....
South Africa.....	22	1	1	210	1
Sudan.....	55	.....	.....	.....	.....
Tunisia.....	1	.....	4	.....	.....
United Arab Republic.....	3	.....	1	.....	.....
Zanzibar.....	1	.....	.....	.....	.....
ASIA:					
Afghanistan.....	.....	.....	.....	2	.....
Asia (country-?).....	649	.....	.....	10	1
Ceylon.....	11	.....	.....	1	.....
China.....	1	1	.....	4	.....
Cyprus.....	1	.....	.....	2	.....
Formosa.....	27	.....	4	69	.....
Hong Kong.....	77	.....	.....	200	.....
India.....	507	.....	.....	28	.....
Indonesia.....	3	.....	.....	1	.....
Iran.....	40	1	.....	.....	.....
Iraq.....	6	.....	.....	.....	.....
Israel.....	18	.....	3	7	.....
Japan.....	1,055	43	4	961	8
Jordan.....	4	.....	.....	1	.....
Korea.....	10	3	.....	14	.....
Laos.....	1	.....	.....	.....	.....
Lebanon.....	8	.....	4	2	.....
Malaysia.....	4	.....	.....	1	.....
Pakistan.....	49	.....	.....	3	.....
Saudi Arabia.....	2	.....	.....	.....	.....
Singapore.....	4	.....	.....	5	.....
Syria.....	5	.....	1	.....	.....
Thailand.....	40	.....	1	44	.....
Turkey.....	11	.....	28	.....	.....
Vietnam.....	88	.....	3	4	12
AUSTRALASIA					
American Samoa.....	1	.....	.....	.....	.....
Australia.....	19	1	4	63	4
Bora Bora.....	.....	.....	.....	1	.....
Fiji.....	3	.....	.....	1	.....
Guam.....	18	.....	.....	.....	1
Hawaii.....	425	.....	4	18	1
Johnston Island.....	1	.....	.....	.....	.....
Kwajalein.....	15	.....	.....	2	.....
Midway.....	16	.....	.....	.....	.....
New Zealand.....	13	.....	1	2	1
Norfolk Island.....	.....	.....	.....	2	.....
Okinawa.....	63	.....	13	35	.....
Philippines.....	176	.....	.....	11	.....
Saipan.....	3	.....	.....	1	.....
Samoa.....	2	.....	.....	.....	.....
Tahiti.....	17	.....	.....	.....	.....
Wake Island.....	11	.....	.....	.....	.....
West Pacific.....	31	.....	.....	.....	.....

SUMMARY OF NUMBERS OF INTERCEPTIONS LISTED

Country	Insect	Mite	Mollusk	Disease	Nematode
EUROPE:					
Austria.....	23	.....	.....	5	1
Azores.....	12	.....	6	1	.....
Belgium.....	9	.....	4	.....	11
Bulgaria.....	.....	.....	1	1	.....
Crete.....	2	.....	7	.....	.....
Czechoslovakia.....	1	.....	1	1	.....
Denmark.....	11	.....	.....	1	.....
England.....	26	.....	9	24	68
Europe (country-?).....	19	3	2	9	3
Finland.....	1	1	.....	.....	2
France.....	122	3	20	296	10
Germany.....	52	2	7	13	26
Greece.....	43	4	29	16	.....
Hungary.....	2	.....	.....	.....	.....
Iceland.....	.....	.....	.....	.....	1
Ireland.....	2	.....	1	19	8
Italy.....	424	5	184	95	10
Latvia.....	.....	.....	.....	.....	1
Liechtenstein.....	1	.....	.....	.....	.....
Luxembourg.....	.....	1	.....	.....	.....
Malta.....	4	.....	.....	.....	.....
Monaco.....	.....	.....	3	.....	.....
Netherlands.....	18	.....	4	3	15
Norway.....	8	.....	.....	2	.....
Poland.....	12	.....	.....	3	3
Portugal.....	32	2	15	3	.....
Rumania.....	1	.....	.....	.....	.....
Scotland.....	3	.....	.....	.....	3
Soviet Union.....	1	1	.....	8	.....
Spain.....	57	.....	40	3	5
Sweden.....	23	.....	.....	2	5
Switzerland.....	6	.....	.....	17	3
Wales.....	.....	.....	.....	.....	1
Yugoslavia.....	8	.....	10	3	.....
NORTH AMERICA:					
Bermuda.....	2	.....	8	.....	.....
Canada.....	1	.....	1	.....	.....
Central America:					
British Honduras.....	4	.....	.....	2	.....
Central America (country-?).....	3	.....	.....	.....	.....
Costa Rica.....	32	.....	.....	12	.....
El Salvador.....	55	.....	1	13	.....
Guatemala.....	106	.....	.....	25	.....
Honduras.....	43	.....	6	15	.....
Nicaragua.....	16	.....	1	24	.....
Panama.....	165	.....	.....	21	.....
Mexico.....	876	114	27	103	7
West Indies:					
Antigua.....	4	.....	.....	1	.....
Aruba.....	1	.....	.....	.....	.....
Bahamas.....	55	.....	.....	25	.....
Barbados.....	6	.....	.....	3	.....
Cayman Islands.....	1	.....	.....	.....	.....
Cuba.....	8	.....	.....	.....	.....
Curacao.....	2	.....	.....	.....	.....
Dominica.....	2	.....	.....	.....	.....
Dominican Republic.....	162	.....	.....	36	5
Grenada.....	2	.....	.....	.....	.....
Haiti.....	34	.....	.....	19	.....
Jamaica.....	191	.....	1	108	1
Martinique.....	1	.....	.....	.....	.....
Montserrat.....	1	.....	.....	.....	.....
Nevis.....	2	.....	.....	.....	.....
Puerto Rico.....	92	.....	.....	13	.....
St. Croix.....	2	.....	.....	.....	.....
St. Kitts.....	7	.....	.....	.....	.....
St. Lucia.....	.....	.....	.....	1	.....
St. Vincent.....	1	.....	.....	.....	.....
Tortola.....	3	.....	.....	.....	.....
Trinidad.....	19	.....	.....	13	1
West Indies (country-?).....	2	.....	.....	.....	.....

SUMMARY OF NUMBERS OF INTERCEPTIONS LISTED

Country	Insect	Mite	Mollusk	Disease	Nematode
SOUTH AMERICA:					
Argentina.....	10	.....	.....	157	2
Bolivia.....	3	.....	.....	10	.....
Brazil.....	58	.....	2	293	2
Chile.....	19	.....	.....	8	.....
Colombia.....	63	.....	4	76	1
Ecuador.....	43	.....	2	60	.....
French Guiana.....	1	.....	.....	.....	.....
Guyana.....	1	.....	.....	2	.....
Paraguay.....	.....	.....	.....	1	.....
Peru.....	21	.....	.....	14	1
South America (country-?).....	8	.....	.....	61	.....
Surinam.....	2	.....	.....	3	.....
Uruguay.....	.....	.....	.....	4	.....
Venezuela.....	37	.....	.....	6	.....
TOTALS:					
AFRICA.....	158	1	44	214	1
ASIA.....	2,711	48	48	1,359	21
AUSTRALASIA.....	814	1	22	136	7
EUROPE.....	923	22	343	525	176
NORTH AMERICA.....	1,901	114	45	434	14
SOUTH AMERICA.....	266	.....	8	695	6
UNKNOWN.....	168	2	12	106	1
Total Interceptions.....	6,941	188	522	3,469	226
Grand Total.....	11,346				

CHANGES IN NOMENCLATURE

INSECTS:

<u>Aleyrodes proletella</u> (Linnaeus) (Aleyrodidae)-----	(=Aleyrodes brassicae Walker (Aleyrodidae))
<u>Argyrogramma albostrata</u> (Bremer & Grey) (Noctuidae)-----	(="Plusia" albostrata Bremer & Grey (Noctuidae))
<u>Atractomorpha sinensis</u> Bolivar (Acrididae)-----	(=Atractomorpha ambigua Bolivar (Acrididae))
<u>Carpomyia pardalina</u> Bigot (Tephritidae)-----	(=Myiopardalis pardalina (Bigot) (Tephritidae))
<u>Carulaspis visci</u> (Schrank) (Diaspididae)-----	(=Diaspis carueli Targioni-Tozzetti (Diaspididae))
<u>Chrysomphalus ficus</u> Ashmead (Diaspididae)-----	(=Chrysomphalus aonidum (Linnaeus) (Diaspididae))
<u>Ovatus crataegarius</u> (Walker) (Aphididae)-----	(=Phorodon menthae (Buckton) (Aphididae))
<u>Palmicultor palmarum</u> (Ehrhorn) (Pseudococcidae)-----	(=Palmicultor oceanicus (Takahashi) (Pseudococcidae))
<u>Phloeotribus scarabaeoides</u> (Bernard) (Scolytidae)-----	(=Phloeotribus oleae (Fabricius) (Scolytidae))
<u>Trachylepida fructicassiiella</u> Ragonot (Galleriidae)-----	(=Aganactesis indecora Dyar (Galleriidae))

DISEASES:

<u>Arthrinium phaeospermum</u> (Cda.) M. B. Ellis-----	(Syn: Papularia sphaerosperma (Pers.) Hoehn.)
<u>Drechslera ravenelii</u> (Curt.) Subr. & Jain-----	(Syn: Helminthosporium ravenelii (Curt. & Berk.)
<u>Mycosphaerella tassiana</u> (de N.) Johans.-----	(Syn: Mycosphaerella alliciana (Fr.) Vest., Mycosphaerella schoenoprasii (Ces. & de N.) Schroet., Mycosphaerella tulasnei (Jancz.) Lindau)
<u>Phomopsis viticola</u> Sacc.-----	(Syn: Fusicoccum viticolum Reddick)

MOLLUSKS: Family Helicidae - Formerly Helicellidae

HOSTS:

<u>Allium ampeloprasum</u> (leek) - (Formerly <u>A. porrum</u>)
<u>Brassica campestris</u> (Chinese cabbage) - (Formerly <u>B. chinensis</u>)
<u>Brassica napus</u> (rutabaga) - (Formerly <u>B. napobrassica</u>)
<u>Citrullus lanatus</u> (watermelon) - (Formerly <u>C. vulgaris</u>)
<u>Inocarpus fasciferus</u> (Tahitian chestnut) - (Formerly <u>I. edulis</u>)
<u>Lagenaria siceraria</u> (calabash gourd) - (Formerly <u>L. leucantha</u>)
<u>Majorama hortensis</u> (marjoram) - (Formerly <u>Origanum majorum</u>)
<u>Panax pseudoginseng</u> (ginseng) - (Formerly <u>P. ginseng</u>)
<u>Pueraria lobata</u> (kudzu) - (Formerly <u>P. thunbergiana</u>)
<u>Wasabia pungens</u> (Japanese horseradish) - (Formerly <u>Eutrema wasabi</u>)

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Abgrallaspis degenerata</i> (Leonardi) (Diaspididae)..... Camellia sp. (leaf)	Portugal.....	....	1	....	Mass.
<i>Abgrallaspis mendax</i> (McKenzie) (Diaspididae)..... Orchid (leaf)	Guatemala.....	....	....	1	Fla.
<i>Acanthoderes circumflexa</i> Jacquelin-Duval (Cerambycidae) Wood (cedar logs)	Costa Rica.....	1	....	....	Fla.
<i>Acanthoscelides bixae</i> (Drapiez) (Bruchidae)..... Bixa sp. (seed)	Peru.....	1	....	....	Tex.
<i>Acanthoscelides multisignatus</i> (Sharp) (Bruchidae)..... Phaseolus vulgaris (bean)	Mexico.....	....	....	1	Ariz.
<i>Acanthoscelides oblongoguttatus</i> (Fahraeus) (Bruchidae).. Acacia sp. (seed) Mimosa sp. (pods) Orchid (plant)	Mexico.....	1	....	2	Tex.
<i>Acanthoscelides obreptus</i> Bridwell (Bruchidae)..... Phaseolus lunatus (lima bean)	Mexico, Peru.....	1	1	1	D. C., Ill., Va.
<i>Acanthoscelides obvelatus</i> Bridwell (Bruchidae)..... Phaseolus vulgaris (dried bean)	Honduras.....	....	....	1	D. C.
<i>Acaudaleyrodes citri</i> (Priesner & Hosny) (Aleyrodidae)... Citrus reticulata cv. (cultivar orange) leaf	Israel.....	1	....	....	N. Y.
<i>Achaea janata</i> (Linnaeus) (Noctuidae)..... Aircraft Codiaeum variegatum (croton) Flowers (mixed)	Hawaii, Japan, Philippines, Wake Island, West Pacific.	3	5	....	Alaska, Calif., Hawaii, Wash.
<i>Achryson surinamum</i> (Linnaeus) (Cerambycidae)..... Aircraft Chamaedorea sp. (palm)	El Salvador, Mexico....	1	1	....	Fla., Tex.
<i>Acontia lucida</i> (Hufnagel) (Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<i>Acrida exaltata</i> (Walker) (Acrididae)..... Cargo	Vietnam.....	1	....	....	Del.
<i>Acrida wellemssei</i> Dirsh (Acrididae)..... Aircraft	Thailand.....	....	1	....	Calif.
<i>Acrolepia assectella</i> (Zeller) (Yponomeutidae)..... Allium ampeloprasum (leek)	Belgium, France, Germany, Italy, Japan, Netherlands, Spain.	....	26	....	Ala., Fla., La., Mich., N. C., N. Y., Pa., S. C., Tex. Tex.
<i>Acroleucus vicinalis</i> Distant (Lygaeidae)..... Ananas comosus (pineapple) Orchid (plant)	Mexico.....	1	....	2	Tex.
<i>Acrolophus plumifrontellus</i> (Clemens) (Acrolophidae)..... Aircraft	Venezuela.....	....	1	....	Fla.
<i>Acrolophus popeanellus</i> (Clemens) (Acrolophidae)..... Aircraft	Asia (country-?).....	....	2	....	Alaska
<i>Acrometopa macropoda</i> (Burmeister) (Tettigoniidae)..... Aircraft	Italy.....	....	1	....	N. Y.
<i>Acrosternum heegeri</i> Fieber (Pentatomidae)..... Cargo	Portugal.....	1	....	....	N. Y.
<i>Acyrtosiphon dirhodum</i> (Walker) (Aphididae)..... Rosa sp. (rose)	Germany.....	1	....	....	Va.
<i>Acyrtosiphon kerriae</i> (Shinji) (Aphididae)..... Flowers (mixed)	Japan.....	....	1	....	Wash.
<i>Acutaspis albopicta</i> (Cockerell) (Diaspididae)..... Bromeliad (plant) Casimiroa edulis (white sapote) leaf Orchid (plant)	Colombia, Guatemala, Mexico, Panama.	1	....	3	Calif., Tex.
<i>Acutaspis reniformis</i> (Cockerell) (?) (Diaspididae)..... Guaiacum officinale (leaf)	Curacao.....	1	....	....	Fla.
<i>Acutaspis tingi</i> McKenzie (Diaspididae)..... Cocos nucifera (coconut)	Mexico.....	2	....	....	Calif.
<i>Acutaspis unbonifera</i> (Newstead) (Diaspididae)..... Orchid (plant)	Costa Rica, El Salvador, Guatemala, Honduras.	....	....	5	Calif., Fla.
<i>Adoneta bicaudata</i> Dyar (Limaecodidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<i>Adoretus sinicus</i> Burmeister (Scarabaeidae)..... Aircraft Baggage Flowers (mixed) Quarters (of ship)	Asia (country-?), Guam, Hawaii, Hong Kong, Japan, Johnston Island, Okinawa, Unknown.	16	33	....	Alaska, Calif., Del., Hawaii, Wash.

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Aeneolamia lepidior</u> (Fowler)(Cercopidae)..... Aircraft	Jamaica(?), Panama, Venezuela, Unknown.	....	5	....	Fla.
<u>Aeneolamia reducta</u> (Lallemand)(Cercopidae)..... Aircraft	Dominican Republic, Jamaica(?), Panama, Venezuela, Unknown.	....	11	....	Fla.
<u>Aeolus mellillus</u> (Say)(Elateridae)..... Cargo hold (of ship)	Unknown.....	....	1	....	Tex.
<u>Aetalion quadratum</u> Fowler (Aetalionidae)..... Orchid (plant)	Mexico.....	....	....	1	Tex.
<u>Aethes williana</u> (Brahm)(Phaloniidae)..... Daucus carota var. sativa (carrot)	Italy.....	....	5	....	N. Y., Pa.
<u>Aethus indicus</u> (Westwood)(Cydnidae)..... Aircraft	Asia (country-?), Japan, Okinawa, Philippines, Vietnam.	16	26	....	Alaska, Calif., Del., Hawaii, Wash.
<u>Afrius purpureus</u> (Westwood)(Pentatomidae)..... Cargo	Ethiopia(?).....	1	....	....	Del.
<u>Agallia vidua</u> (Stal)(Cicadellidae)..... Aircraft	Ecuador(?).....	....	1	....	Fla.
<u>Aglossa caprealis</u> (Hubner)(Pyrilidae)..... Debris	Japan, Portugal, Unknown.	2	1	....	Calif., N. Y.
<u>Oryza sativa</u> (rice straw) Straw - unidentified					
<u>Agonoscena succincta</u> (Heeger)(Psyllidae)..... Plants - unidentified	Italy.....	....	....	1	Mass.
<u>Agrotis pronuba</u> (Linnaeus)(?) (Noctuidae)..... Aircraft	France, Israel.....	1	1	....	Ill., N. Y.
<u>Agrotis repleta</u> Walker (Noctuidae)..... Baggage	Unknown.....	....	1	....	Fla.
<u>Agrypnus binodulus</u> Motschulsky (Elateridae)..... Aircraft	Asia (country-?), Japan.	....	8	....	Alaska, Calif., Wash.
<u>Aiolopus thalassinus tamulus</u> (Fabricius)(Acrididae).... Aircraft	Asia (country-?), Japan, Philippines, Vietnam, Wake Island.	1	10	....	Alaska, Calif., Del., Hawaii, Wash.
<u>Aiteta dampipennis</u> (Walker)(Noctuidae)..... Cargo	Thailand.....	1	....	....	Wash.
<u>Albara japonica</u> (Moore)(?) (Drepanidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Aletia formosana</u> Butler (Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Aletia hamifera</u> (Walker)(?) (Noctuidae)..... Aircraft	Wake Island.....	....	1	....	Calif.
<u>Aleurocanthus husaini</u> Corbett (Aleyrodidae)..... Murraya koenigi (leaf)	India.....	1	....	....	N. Y.
<u>Aleurocanthus woglumi</u> Ashby (Aleyrodidae)..... Citrus aurantifolia (lime) leaf C. aurantium (sour orange) leaf C. paradisi (grapefruit) leaf C. sinensis (sweet orange) leaf Citrus sp. (leaf)	Colombia(?), Dominican Republic, Mexico, Nicaragua, Venezuela.	22	....	....	Calif., Fla., N. Y., Tex.
<u>Aleurochiton pseudoplatani</u> Visnya (Aphididae)..... Acer pseudoplatanus (sycamore maple) leaf	France.....	....	3	....	Mass., Va.
<u>Aleurodicus capiangae</u> Bondar (Aleyrodidae)..... Rosa sp. (leaf)	Antigua.....	....	....	1	Am. V. I.
<u>Aleurodicus dispersus</u> Russell (Aleyrodidae)..... Orchid (leaf)	Honduras.....	....	....	1	Fla.
<u>Aleurodicus dugesii</u> Cockerell (Aleyrodidae)..... Hibiscus sp. (leaf)	Mexico.....	....	....	1	Tex.
<u>Aleurodicus iridescens</u> Cockerell (Aleyrodidae)..... Echinoderus sp. (leaf)	Peru.....	....	....	1	Fla.
<u>Aleurodicus pulvinatus</u> (Maskell)(Aleyrodidae)..... Epidendrum sp. (leaf)	Colombia.....	....	....	1	Fla.
<u>Aleuroglandulus emmae</u> Russell (Aleyrodidae)..... Guajacum officinale (leaf) Odontoglossum sp. (leaf) Orchid (leaf)	Mexico, Venezuela.....	1	....	2	Ariz., Calif., Fla.
<u>Aleuroglandulus malangae</u> Russell (Aleyrodidae)..... Colacasia sp. (leaf)	Dominica.....	....	....	1	Fla.
<u>Aleuroglandulus subtilis</u> Bondar (Aleyrodidae)..... Bucida sp. (leaf)	Bahamas.....	....	....	1	Fla.

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Aleurolobus citri</u> Takahashi (Aleyrodidae)..... Citrus sp. (leaf)	Philippines.....	1	....	....	Wash.
<u>Aleurolobus marlatti</u> Quaintance (Aleyrodidae)..... Citrus sp. (leaf)	India, Japan.....	1	1	....	Calif., N. Y.
<u>Murraya keonigi</u> (leaf)					
<u>Aleurolobus olivinus</u> Silvestri (Aleyrodidae)..... Olea europaea (leaf)	Italy.....	1	....	....	N. Y.
<u>Aleuroparadoxus gardeniae</u> Russell (Aleyrodidae)..... Gardenia sp. (leaf)	Mexico.....	2	....	....	Tex.
<u>Aleuroplatus cococolus</u> Quaintance & Baker (Aleyrodidae)..... Psidium guajava (guava) leaf	Dominican Republic.....	1	....	....	Fla.
<u>Aleurothrixus floccosus</u> (Maskell)(Aleyrodidae)..... Citrus limon (lemon) leaf	Dominican Republic, Mexico, Venezuela.	48	....	....	Ariz., Calif., Fla.,
<u>C. sinensis</u> (sweet orange) leaf Citrus sp. (leaf)					
<u>Guajacum officinale</u> (leaf)					
<u>Aleurotrachelus jelnikii</u> (Frauenfeld)(Aleyrodidae).... Leaf - unidentified	Greece.....	1	....	....	N. Y.
<u>Aleurotrachelus trachoides</u> (Buck)(Aleyrodidae)..... Leaf - unidentified	Dominica, Panama.....	....	....	2	Fla., P. R.
<u>Psidium</u> sp. (leaf)					
<u>Aleurotuberculatus aucubae</u> (Kuwana)(Aleyrodidae)..... Chaenomeles sp. (leaf)	Japan.....	....	1	2	Hawaii, Wash.
<u>Citrus aurantium</u> (sour orange) leaf Crataegus sp. (hawthorne) leaf					
<u>Aleurotuberculatus jasmini</u> Takahashi (Aleyrodidae).... Citrus sp. (leaf)	Hong Kong.....	1	....	....	Wash.
<u>Aleurotuberculatus murrayae</u> Sigh (Aleyrodidae)..... Murraya keonigi (leaf)	India.....	1	....	....	N. Y.
<u>Aleyrodes elevatus</u> Silvestri (Aleyrodidae)..... Ficus carica (fig) leaf	Italy.....	1	....	....	Mass.
<u>Aleyrodes fragariae</u> Walker (?) (Aleyrodidae)..... Viola sp. (plant)	Italy.....	....	....	1	Mass.
<u>Aleyrodes prolella</u> (Linnaeus)(Aleyrodidae)..... Brassica oleracea var. capitata (cabbage)	Azores, France.....	2	....	....	Mass.
<u>Alkindus atratus</u> Distant (Corimelaenidae)..... Aircraft	Venezuela.....	....	1	....	Fla.
<u>Althos obscurator</u> (Fabricius)(Coreidae)..... Orchid (plant)	Mexico.....	....	....	1	Tex.
<u>Amicta quadrangularis</u> Christ (Psychidae)..... Cargo	Libya.....	1	....	....	Del.
<u>Amphicerus anobioides</u> Waterhouse (Bostrichidae)..... Cargo hold (of ship)	Unknown.....	....	1	....	N. Y.
<u>Amphicerus cornutus</u> (Pallas)(Bostrichidae)..... Aircraft	Unknown.....	....	1	....	Fla.
<u>Amphimallon majalis</u> (Razoumowsky)(Scarabaeidae)..... Aircraft	Europe (country-?), France.	....	6	....	N. Y.
<u>Amphimallon solstitialis</u> (Linnaeus)(Scarabaeidae)..... Cargo	Germany.....	1	....	....	Del.
<u>Amyna punctum</u> (Fabricius)(Noctuidae)..... Aircraft	Asia (country-?), Philippines.	....	2	....	Hawaii, Wash.
<u>Anastrepha ludens</u> (Loew)(Tephritidae)..... Calocarpum sapota (sapote)	El Salvador, Guatemala, Honduras, Mexico Panama.	287	12	....	Ala., Ariz., Calif. Fla., Ill., La., Mich., N. Y., Tex., Wash.
<u>Chrysophyllum cainito</u> (star-apple)					
<u>Citrus aurantifolia</u> (lime)					
<u>C. aurantium</u> (sour orange)					
<u>C. paradisi</u> (grapefruit)					
<u>C. reticulata</u> cv. (cultivar orange)					
<u>C. sinensis</u> (sweet orange)					
<u>Citrus</u> sp. (fruit)					
<u>Cydonia oblonga</u> (quince)					
<u>Malus sylvestris</u> (apple)					
<u>Mangifera indica</u> (mango)					
<u>Manilkara achras</u> (sapodilla)					
<u>Prunus persica</u> (peach)					
<u>Psidium guajava</u> (guava)					
<u>Punica granatum</u> (pomegranate)					
<u>Pyrus communis</u> (pear)					

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Anastrepha mombinpraeoptans</u> Sein (Tephritidae)..... <u>Crataegus</u> sp. (hawthorne) <u>Mangifera indica</u> (mango) <u>Manilkara achras</u> (sapodilla) <u>Psidium guajava</u> (guava) <u>Spondias mombin</u> (yellow mombin) <u>S. purpurea</u> (purple mombin) <u>Terminalia catappa</u> (tropical almond)	Antigua, Barbados, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nevis, Nicaragua, Panama, Puerto Rico, Peru, St. Kitts, Trinidad, Venezuela.	463	14	....	Ala., Am. V.I., Ariz., Calif., Fla., La., N. Y., Pa., P. R., Tex.
<u>Anastrepha serpentina</u> (Wiedemann)(Tephritidae)..... <u>Calocarpum sapota</u> (mamey sapote) <u>Citrus sinensis</u> (sweet orange) <u>Manilkara achras</u> (sapodilla) <u>Psidium guajava</u> (guava) <u>Pyrus communis</u> (pear)	El Salvador, Guatemala, Mexico, Trinidad.	17	1	....	Calif., Ill., La., N. Y., Tex.
<u>Anastrepha striata</u> Schiner (Tephritidae)..... <u>Psidium guajava</u> (guava)	El Salvador, Guatemala,	10	....	....	Ariz., Calif.
<u>Anastrepha suspensa</u> (Loew)(Tephritidae)..... <u>Psidium guajava</u> (guava) Quarters (of ship)	Bahamas(?), Dominican Republic, Mexico.	2	1	....	Calif., Fla., P. R.
<u>Anacruena centrolineata</u> (Melichar)(Cicadellidae)..... Aircraft	Brazil.....	....	1	....	Fla.
<u>Ancognatha scarabaeoides</u> Burmeister (Scarabaeidae).... Aircraft <u>Chrysanthemum</u> sp. (cut flowers) <u>Dianthus caryophyllus</u> (carnation) cut flower Flowers - unidentified Mail <u>Ornithogalum thyrsoides</u> (Cape chincnerinchee)	Colombia, Unknown.....	9	4	....	Fla., P. R.
<u>Ancylocera bicolor</u> Oliver (Cerambycidae)..... <u>Cucumis melo</u> (melon)	Mexico.....	1	....	....	Tex.
<u>Anicla infecta</u> (Ochsenheimer)(Noctuidae)..... Aircraft	Unknown.....	....	1	....	Am. V. I.
<u>Anicla infecta</u> (Ochsenheimer)(?) (Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Anigraea albomaculata</u> Hampson (Noctuidae)..... Aircraft	Okinawa.....	....	1	....	Calif.
<u>Anomala albopilosa</u> Hope (Scarabaeidae)..... Aircraft	Japan.....	1	....	....	Del.
<u>Anomala cuprea</u> Hope (?) (Scarabaeidae)..... Aircraft	Japan.....	....	1	....	Calif.
<u>Anomala innuba</u> (Fabricius)(Scarabaeidae)..... Aircraft	Unknown.....	....	4	....	Fla.
<u>Anomala orientalis</u> Waterhouse (Scarabaeidae)..... Aircraft	Asia (country-?), Japan, Vietnam, Unknown.	....	44	....	Alaska, Calif., Hawaii, Wash.
<u>Anomala orientalis</u> Waterhouse (?) (Scarabaeidae)..... Aircraft	Asia (country-?), Japan.	....	10	....	Alaska
<u>Anomala rufocuprea</u> Motschulsky var. <u>violacea</u> Ohaus (?) (Scarabaeidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Anticarsia irrorata</u> (Fabricius)(Noctuidae)..... Aircraft	American Samoa.....	....	1	....	Hawaii
<u>Anua coronata</u> (Fabricius)(Noctuidae)..... Aircraft	Asia (country-?), Vietnam, West Pacific.	....	6	....	Alaska, Calif., Wash.
<u>Anurogryllus muticus</u> (DeGeer)(Gryllidae)..... Aircraft	Panama(?).....	....	1	....	Fla.
<u>Anypsiopyla univittella</u> Byar (Phycitidae)..... <u>Enterolobium cyclocarpum</u> (seed pod) <u>Swietenia</u> sp. (seed pod)	Jamaica, Mexico.....	2	....	....	P. R., Tex.
<u>Aonidia lauri</u> (Bouche)(Diaspididae)..... <u>Laurus nobilis</u> (bay) leaf	Dominican Republic, Greece, Italy.	4	....	....	Mass., N. Y.
<u>Aonidiella comperei</u> McKenzie (Diaspididae)..... <u>Citrus paradisi</u> (grapefruit)	Thailand.....	1	....	....	Alaska
<u>Aonidiella inornata</u> McKenzie (?) (Diaspididae)..... <u>Cycas</u> sp. (leaf)	Okinawa.....	1	....	....	Wash.
<u>Aonidiella lauretorum</u> Lindinger (Diaspididae)..... <u>Laurus nobilis</u> (bay) leaf	Portugal.....	1	Mass.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Aonidiella messengeri</u> McKenzie (Diaspididae)..... Palm (leaf)	Japan.....	3	Alaska, Hawaii
<u>Apatte monachus</u> Fabricius (Bostrichidae)..... Wood (crates)	Ivory Coast.....	1	....	....	Fla.
<u>Apateticus lineolatus</u> (Herrich-Schaeffer)(Pentatomidae) Bromeliad (plant) Orchid (plant)	Guatemala, Honduras....	....	....	2	Fla.
<u>Aphalara calthae</u> (Linnaeus)(Psyllidae)..... Quarters (of ship)	Poland(?).....	....	1	....	Fla.
<u>Aphodius parvus</u> Horn (Scarabaeidae)..... Aircraft	Venezuela(?).....	....	1	....	Fla.
<u>Aphodius sallei</u> Harold (Scarabaeidae)..... Aircraft	Guatemala(?).....	....	1	....	Fla.
<u>Araecorynus cumingi</u> (Jekel)(Anthribidae)..... Aircraft Baggage Canavalia cathartica (mauna loa) Seed - unidentified	Hawaii.....	12	1	....	Hawaii
<u>Arcte coerulea</u> (Guenee)(Noctuidae)..... Aircraft	Asia (country-?), Japan, West Pacific.	....	4	....	Alaska, Calif, Hawaii, Wash. Pa.
<u>Ardis sulcata</u> (Cameron)(Tenthredinidae)..... Rosa sp. (rose)	Germany.....	1	....	....	N. Y.
<u>Arge ochropa</u> (Gmelin)(Argidae)..... Rosa sp. (rose)	Poland.....	2	....	....	N. Y.
<u>Argyresthia eugeniella</u> Busck (Yponomeutidae)..... Psidium guajava (guava)	Dominican Republic,	6	....	....	N. Y., P. R.
<u>Argyrogramma albostriata</u> (Brener & Grey)(Noctuidae).... Aircraft	Philippines.....	....	1	....	Wash.
<u>Argyrogramma verruca</u> (Fabricius)(Noctuidae)..... Plants - aquatic	Peru.....	....	....	1	Fla.
<u>Arhopalus rusticus</u> (Linnaeus)(Cerambycidae)..... Wood (crates)	Italy.....	14	....	....	Calif., La., S. C.
<u>Arhopalus rusticus rusticus</u> (Linnaeus)(Cerambycidae)... Wood (crates)	Italy.....	6	....	....	Calif., Wash.
<u>Arhyssus parvicornis</u> (Signoret)(Rhopalidae)..... Bromeliad (plant)	Mexico.....	....	....	1	Tex.
<u>Arphia pseudonietana</u> (Thomas)(Acrididae)..... Tillandsia sp. (leaf)	Mexico.....	....	....	1	Calif.
<u>Arvelius albopunctatus</u> (DeGeer)(Pentatomidae)..... Aircraft Capsicum sp. (pepper) Manihot esculenta (cassava)	Dominican Republic, Mexico, Unknown.	2	1	....	Fla., N. Y., Tex.
<u>Ascalapha odorata</u> (Linnaeus)(Noctuidae)..... Aircraft	Guatemala, Mexico.....	....	3	....	Fla., Ill., Mich.
<u>Asemum nitidum</u> LeConte (Cerambycidae)..... Cargo	Okinawa.....	1	....	....	S. C.
<u>Asphondylia capparidis</u> Rubsaamen (Cecidomyiidae)..... Capparidis sp. (caper) bud	Italy.....	1	....	....	Mass.
<u>Aspidiella hartii</u> (Cockerell)(Diaspididae)..... Dioscorea sp. (root) Zingiber officinale (ginger) root	Barbados, Fiji, Philippines.	1	1	1	Calif., N. Y.
<u>Aspidiella zingiberi</u> Mamet (Diaspididae)..... Zingiber officinale (ginger) root	Philippines.....	....	2	....	Calif.
<u>Aspidiotus destructor</u> Signoret (Diaspididae)..... Areca catechu (betel palm) Cocos nucifera (coconut) Leaf - unidentified Orchid (plant) Terminalia catappa (tropical almond)	Brazil, Costa Rica, El Salvador, Haiti, Jamaica, Japan, Mexico, Panama, Philippines, Saipan.	15	5	3	Alaska, Calif., Fla., N. Y.
<u>Aspilates ochrearia</u> (Rossi)(Geometridae)..... Cargo	Spain.....	1	....	....	Del.
<u>Asterobemisia avellanae</u> (Signoret)(Aleyrodidae)..... Rubus sp. (leaf)	France, Unknown.....	1	59	....	Alaska, Calif., Mass., N. Y., Va., Wash. Tex.
<u>Asterolecanium inlabefactum</u> Russell (Aleyrodidae)..... Chamaedorea sp. (leaf)	Mexico.....	1	....	....	Tex.
<u>Ataenius exiguus</u> Brown (Scarabaeidae)..... Aircraft	Unknown.....	1	Fla.
<u>Ataenius picinus</u> Harold (Scarabaeidae)..... Aircraft	Brazil.....	1	N. Y.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Atethmia repanda</u> (Fabricius) (Noctuidae)..... Aircraft Quarters (of ship)	Honduras, Nicaragua, Venezuela, Unknown.	....	5	....	Fla.
<u>Atractomorpha sinensis</u> Bolivar (Acrididae)..... Aircraft Flowers (mixed)	Hawaii.....	2	1	....	Hawaii
<u>Atta mexicana</u> (F. Smith) (Formicidae)..... Cucumis sativus (cucumber) Cucurbita pepo (squash) Hibiscus esculentus (okra)	Mexico.....	3	....	....	Tex.
<u>Aulacaspis tubercularis</u> (Newstead) (Diaspididae)..... Mangifera indica (mango)	Brazil, Philippines....	3	....	....	Calif., Hawaii, Wash.
<u>Aulacophora lewisii</u> Baly (Chrysomelidae)..... Aircraft	Okinawa.....	....	1	....	Alaska
<u>Autographa gamma</u> (Linnaeus) (Noctuidae)..... Aircraft	Unknown.....	1	....	....	N. Y.
<u>Aylax salviae</u> (Giraud) (Cynipidae)..... Salvia sp. (sage) stem	Greece.....	1	....	....	Mass.
<u>Azeta repugnalis</u> (Hubner) (Noctuidae)..... Aircraft	Dominican Republic(?)..	....	1	....	Fla.
<u>Balclutha floridana</u> (DeLong & Davidson) (Cicadellidae).. Aircraft	Bahamas.....	....	1	....	Fla.
<u>Balclutha hebe</u> (Kirkaldy) (Cicadellidae)..... Aircraft	Panama, Unknown.....	....	2	....	Fla.
<u>Balclutha rufofasciata</u> (Merino) (Cicadellidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<u>Barathra curialis</u> (Smith) (?) (Noctuidae)..... Aircraft	Japan(?).....	....	1	....	N. J.
<u>Bemisia tabaci</u> (Gennadius) (Aleyrodidae)..... Dimorphotheca sp. (leaf) Hibiscus sp. (leaf) Mentha sp. (leaf) Plant - unidentified	Hong Kong, Mexico, Rhodesia, South Africa.	....	1	4	Hawaii, N. Y., Tex.
<u>Bephrata cubensis</u> Ashmead (Eurytomidae)..... Annona muricata (soursop)	Jamaica, Puerto Rico, St. Kitts.	3	....	....	Am. V.I., N. Y., P. R.
<u>Bephrata maculicollis</u> Cameron (Eurytomidae)..... Annona muricata (soursop)	Panama.....	1	....	....	Ariz.
<u>Blapstinus punctulatus</u> Solier (Tenebrionidae)..... Cucumis melo (melon) Vitis sp. (grape)	Chile.....	12	....	....	N. Y.
<u>Belenus dentatus</u> (Fieber) (Tingidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<u>Blenina donans</u> Walker (Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<u>Blissus insularis</u> Barber (Lygaeidae)..... Aircraft Ananas comosus (pineapple)	Haiti(?), Mexico.....	1	1	....	Fla., Tex.
<u>Bombotelia jocosatrix</u> (Guenee) (Noctuidae)..... Aircraft	Japan.....	....	1	....	Wash.
<u>Bomolocha amica</u> (Butler) (Noctuidae)..... Aircraft	Japan.....	....	1	....	Calif.
<u>Bostrychoplites cornutus</u> (Olivier) (Bostrichidae)..... Wood (crates)	Ivory Coast.....	1	....	....	Fla.
<u>Bothynus cuniculus</u> (Fabricius) (Scarabaeidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<u>Bothynus gibbosus obsoletus</u> LeConte (Scarabaeidae)..... Aircraft	Philippines(?).....	....	1	....	Alaska
<u>Bothynus neglectus</u> LeConte (Scarabaeidae)..... Aircraft	Unknown.....	....	1	....	Alaska
<u>Bothynus subtropicus</u> (Blatchley) (Scarabaeidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<u>Brachycaudus helichrysi</u> (Kaltenbach) (Aphididae)..... Aircraft Allium sp. (plant) Aster sp. (leaf) Bellis sp. (cut flowers) Citrus sp. (leaf) Flowers (mixed) Gladiolus sp. (cut flowers) Mentha sp. (leaf)	Canada, Ecuador, Germany, Israel, Mexico, Unknown.	5	2	3	Calif., Del., Fla., N. Y., Pa., Wash.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Brachycerus albidentatus</i> Gyllenhal (Curculionidae)..... Allium sativum (garlic)	Italy.....	4	....	....	N. Y.
<i>Brachycerus algirus</i> (Fabricius)(Curculionidae)..... Allium sativum (garlic)	Italy, Spain.....	6	....	....	Mass., N. Y., P. R.
<i>Brachypterolus pulicarius</i> (Linnaeus)(Nitidulidae)..... Chrysanthemum sp. (cut flowers) Flowers (mixed)	Azores, England.....	2	....	....	Mass.
<i>Brachytrupes portentosus</i> (Lichtenstein)(Gryllidae)..... Aircraft Cargo	Asia (country-?), Vietnam, Unknown.	1	6	....	Alaska, Calif., Del., Wash.
<i>Brochymena tenebrosa</i> Walker (Pentatomidae)..... Railroad car	Mexico.....	1	....	....	Tex.
<i>Bruchidius ater</i> (Marsham)(Bruchidae)..... Laburnum anagyroides (seed) Spartium junceum (seed)	Austria, Italy.....	....	....	2	N. J.
<i>Bruchidius incarnatus</i> (Boheman)(Bruchidae)..... Lens culinaris (lentil) seed	United Arab Republic...	1	....	....	N. Y.
<i>Bruchidius obscuripes</i> (Gyllenhal)(Bruchidae)..... Vitis vinifera (grape) cuttings	Jordan.....	....	....	1	Va.
<i>Bruchus ervi</i> Froelich (Bruchidae)..... Cicer arietinum (chickpea) Lens culinaris (lentil) seed Phaseolus vulgaris (dried bean) Stores	Germany, Greece, Israel, Italy, Jordan, Turkey, Yugoslavia.	4	9	....	Ala., Mich., N. Y., Pa.
<i>Bruchus lentis</i> Froelich (Bruchidae)..... Lens culinaris (lentil) seed Stores	Germany, Greece, Israel, Italy, Mexico(?), Unknown.	4	10	....	Md., Mich., Minn., N. Y., Pa., Tex.
<i>Bruchus signaticornis</i> Gyllenhal (Bruchidae)..... Lens culinaris (lentil) seed	Greece, Italy.....	7	1	....	Md., Mass., N. Y.
<i>Bruchus tristiculus</i> Fahraeus (Bruchidae)..... Cargo Lathyrus sp. (seed) Vicia sativa (vetch) seed	Azores, Germany, Portugal.	1	....	2	Del., Mass.
<i>Bruchus tristis</i> Boheman (Bruchidae)..... Lathyrus sp. (seed) Vicia faba (broad bean) seed	Italy.....	2	....	....	Ill., N. Y.
<i>Bucculatrix thurberiella</i> Busck (Lyonetiidae)..... Gossypium hirsutum (upland cotton) leaf & stem	Mexico.....	1	....	....	Calif.
<i>Bucrates capitatus</i> (DeGeer)(Tettigoniidae)..... Ship (on deck)	French Guiana.....	....	1	....	Fla.
<i>Cacoecimorpha pronubana</i> (Hubner)(Tortricidae)..... Citrus sinensis (sweet orange) Dianthus caryophyllus (carnation) cut flower Laurus nobilis (laurel) leaf Punica granatum (pomegranate) Rosa sp. (cut flower)	England, France, Italy, Portugal, Spain, Yugoslavia.	9	1	....	Mass., N. Y., P. R., Wash., Va.
<i>Cadra calidella</i> (Guenee)(Phycitidae)..... Conifer cone - unidentified Cuminum cyminum (cumin seed) Punica granatum (pomegranate) Trigonella foenum-graecum (fenugreek) seed	Iran, Italy, Lebanon, Portugal.	3	....	1	Mass., N. Y.
<i>Callidium rufipenne</i> Motschulsky (Cerambycidae)..... Cargo Cargo hold (of ship) Dunnage	Japan, Unknown.....	2	....	26	Calif., Fla., Ga., Md., Ohio, Wash.
<i>Calliptamus italicus</i> (Linnaeus)(Acrididae)..... Aircraft	Italy, Unknown.....	....	3	....	N. Y.
<i>Callirhytis glandium</i> (Giraud)(Cynipidae)..... Quercus sp. (acorn)	Turkey.....	1	....	....	Va.
<i>Callirhytis glandulosa</i> Weld (Cynipidae)..... Quercus sp. (acorn)	Turkey.....	1	....	....	Va.
<i>Callosobruchus analis</i> (Fabricius)(Bruchidae)..... Cajanus cajan (pigeon pea) Dolichos lablab (hyacinth bean) Lens culinaris (lentil) Phaseolus aureus (mungo bean) Stores (in dry storeroom)	India, Japan, Pakistan, Turkey, Unknown.	2	7	La., Md., Mich., Pa., Tex., Va.

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<u>Callosobruchus phaseoli</u> (Gyllenhal)(Bruchidae)..... Aircraft Cicer arietinum (chickpea) Dolichos lablab (hyacinth bean) Phaseolus sp. (seed)	Asia (country-?), Barbados, Grenada, India, Portugal, St. Vincent.	6	1	Calif., N. Y.
<u>Callosobruchus rhodesianus</u> (Pic)(Bruchidae)..... Pisum sativum (pea) seed Seed - unidentified	South Africa, Unknown..	2	....	1	D. C., N. Y., Va.
<u>Callosobruchus subinnotatus</u> (Pic)(Bruchidae)..... Voandzeia subterranea (seed)	South Africa.....	1	....	....	D. C.
<u>Calogramma festiva</u> (Donovan)(Noctuidae)..... Cargo	Vietnam.....	1	....	....	Del.
<u>Calopilos miranda</u> (Butler)(Geometridae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<u>Camptodes illustris</u> (Chevrolat)(Nitidulidae)..... Orchid (plant)	Mexico.....	....	....	1	Tex.
<u>Cannagara aorisaria</u> Walker (Geometridae)..... Chrysanthemum sp. (cut flowers)	Colombia.....	1	....	....	Fla.
<u>Cantacader quinquecostatus</u> (Fieber)(Tingidae)..... Cargo	Vietnam.....	1	....	....	Del.
<u>Canthon violaceus</u> (Olivier)(Scarabaeidae)..... Cargo	Dominican Republic.....	1	....	....	Fla.
<u>Capaneus odiosus</u> Stal (Coreidae)..... Orchid (plant)	Mexico.....	....	....	1	Tex.
<u>Carnecephala flavipes</u> (Riley)(Cicadellidae)..... Aircraft	Bahamas(?).....	....	3	....	Fla.
<u>Carpocapsa saltitans</u> Westwood (Olethreutidae)..... Sebastiana pavoniana (Mexican jumping bean)	Mexico.....	3	....	....	Fla., Tex.
<u>Carpomyia incompleta</u> (Becker)(Tephritidae)..... Zizyphus jujuba (jujube)	Italy.....	1	....	....	Mass.
<u>Carpomyia pardalina</u> Bigot (Tephritidae)..... Cucumis sativus (cucumber)	Jordan, Lebanon.....	2	....	....	N. Y.
<u>Carpophilus davidsoni</u> Dobson (Nitidulidae)..... Cycad (plant)	Okinawa.....	....	....	1	Calif.
<u>Carpophilus fumatus</u> Boheman (Nitidulidae)..... Flowers (mixed) Psidium guajava (guava)	Azores.....	2	....	....	Mass.
<u>Carpophilus ligneus</u> Murray (Nitidulidae)..... Citrus sp. (fruit) Seed - unidentified	Costa Rica, Mexico.....	2	....	....	Fla., Tex.
<u>Carpophilus lugubris</u> Murray (Nitidulidae)..... Capsicum sp. (pepper) Cydonia oblonga (quince) Malus sylvestris (apple) Prunus persica (peach) Zea mays (corn)	Ecuador, Mexico.....	37	1	....	Ariz., Tex.
<u>Carpophilus obsoletus</u> Erichson (Nitidulidae)..... Aircraft Allium cepa (onion) A. sativum (garlic) Allium sp. (fruit) Cargo hold (of ship) Debris (with cargo) Swietenia sp. (mahogany logs) Tectona sp. (teak logs) Theobroma cacao (cocoa) Tulipa sp. (bulb)	Europe (country-?), Formosa, Germany, Ghana, Haiti, Italy, Ivory Coast, Japan, Philippines, Vietnam.	12	3	2	Del., Fla., Md., Mass., N. Y., Oreg., Wash., Va.
<u>Carpophilus pilosellus</u> Motschulsky (Nitidulidae)..... Aircraft Cargo Debris Dioscorea sp. (yam) Orchid (plant)	Brazil, Jamaica, Mexico, Panama(?)..	8	1	2	Fla., Tex., Va.
<u>Carposina niponensis</u> Walsingham (Carposinidae)..... Malus sylvestris (apple)	Japan.....	2	2	....	Alaska, Fla., Oreg., Wash.
<u>Caryedon serratus</u> (Olivier)(Bruchidae)..... Aircraft Alhagi maurorum (seed) Arachis hypogaea (peanut) Cargo hold (of ship) Cassia sp. (seed) Debris (in cargo hold) Tamarindus indica (tamarind) seed	Africa (country-?), Cape Verde Islands, Hawaii, India, Mexico, Saudi Arabia, Unknown.	10	5	1	Ala., D. C., Ga., Hawaii, Ill., Mass., Minn., N. Y., Pa.,

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<u>Ceraleurodicus bakeri</u> (Bondar) (Aleyrodidae)..... Orchid (plant)	Guatemala.....	1	Fla.
<u>Ceraspis pilatei</u> Harold (Scarabaeidae)..... Musa sp. (plantain)	Guatemala.....	2	....	....	Fla.
<u>Ceratitis capitata</u> (Wiedemann) (Tephritidae)..... Aircraft Annona muricata (soursoap) Capsicum sp. (pepper) Carica papaya (papaya) Citrus paradisi (grapefruit) C. reticulata cv. (cultivar orange) C. sinensis (sweet orange) Citrus sp. (fruit) Coffea arabica (Arabian coffee) Coffea sp. (fruit) Crateagus sp. (fruit) Cydonia oblonga (quince) Eriobotrya japonica (loquat) Eugenia malaccensis (mountain apple) Ficus carica (fig) Fruit - unidentified Malus sylvestris (apple) Opuntia humifusa (pricklypear) Persea americana (avocado) Prunus armeniaca (apricot) P. domestica (plum) P. persica (peach) Psidium guajava (guava) Punica granatum (pomegranate) Pyrus communis (pear) Terminalia catappa (tropical almond)	Angola, Argentina, Azores, Brazil, Costa Rica, Cyprus, Czechoslovakia, El Salvador, England(?). France, Greece, Hawaii, Israel, Italy, Kenya, Malta, Panama, Peru, Portugal, Spain, Unknown.	121	21	....	Ala., Fla., Hawaii, Ill., La., Mass., N. Y., Ohio, Pa., P. R., S. C., Tex., Va.
<u>Cerconota anonella</u> (Sepp) (Stenomidae)..... Annona cherimola (cherimoya) A. muricata (soursoap)	Colombia, Ecuador, Honduras, Jamaica, Nicaragua, Venezuela.	5	4	....	Fla., Md., N. Y.
<u>Cerconota anonella</u> (Sepp) (?) (Stenomidae)..... Annona muricata (soursoap)	Panama.....	1	....	....	Ariz.
<u>Ceresium unicolor</u> (Fabricius) (Cerambycidae)..... Baggage	Hawaii.....	1	....	....	Hawaii
<u>Cerodontha denticornis</u> (Panzer) (Agromyzidae)..... Malus sylvestris (apple)	New Zealand.....	....	1	....	Fla.
<u>Ceroplastes pseudoceriferus</u> Green (Coccidae)..... Diospyros kaki (kaki persimmon)	Japan.....	1	....	....	Hawaii
<u>Ceroplastes rubens</u> Maskell (Coccidae)..... Alyxia olivaeformis (maile) leaf Anthurium sp. (leaf)	Hawaii.....	12	....	5	Hawaii
<u>Ceroplastes rusci</u> (Linnaeus) (Coccidae)..... Ficus carica (fig)	France.....	....	1	....	Mass.
<u>Chaitosiphon tetrarhodus</u> (Walker) (Aphididae)..... Rosa sp. (cut flowers)	England.....	1	....	....	Ill.
<u>Chalciope hypassia</u> (Cramer) (Noctuidae)..... Aircraft	Asia (country-?), Japan, Midway(?), Okinawa, Philippines(?), West Pacific.	....	27	....	Alaska, Calif., Del., Hawaii, Wash.
<u>Chalcolepidius silbermanni</u> Chevrolat (Elateridae)..... Aircraft	Unknown.....	....	1	....	P. R.
<u>Chilo loftini</u> Dyar (Crambidae)..... Saccharum officinarum (sugarcane)	Mexico.....	8	....	....	Ariz., Calif.
<u>Chilo phragmitellus</u> (Hubner) (Crambidae)..... Phragmites communis (reed)	Austria.....	1	....	....	Ga.
<u>Chilo suppressalis</u> (Walker) (Crambidae)..... Oryza sativa (rice straw)	Japan, Unknown.....	1	5	....	Ala., Calif., Minn., Oreg., Wash.
<u>Chorizagrotis auxiliaris</u> (Grote) (?) (Noctuidae)..... Aircraft	West Pacific.....	....	1	....	Hawaii
<u>Chorizococcus rostellum</u> (Hoke) (Pseudococcidae)..... Packing material (grass)	Mexico.....	2	....	....	Ariz.
<u>Chlorotettix fraterculus</u> (Berg) (Cicadellidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<u>Chlorotettix tunicatus</u> Ball (Cicadellidae)..... Aircraft	Bahamas.....	....	1	....	Fla.

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Chlorotettix scutellatus</u> Osborn (Cicadellidae).....	Mexico.....	....	1	....	Tex.
Railroad car					
<u>Chlorotettix viridius</u> Van Duzee (Cicadellidae).....	Bahamas.....	....	2	....	Fla.
Aircraft					
Quarters (of ship)					
<u>Chorthippus bicolor</u> (Charpentier)(Acrididae).....	France.....	....	1	....	N. Y.
Aircraft					
<u>Chorotingis indigena</u> Drake (Tingidae).....	Australia.....	1	....	....	Hawaii
<u>Banksia</u> sp. (cut flower)					
<u>Chrysaspidia festata</u> (Graeser)(?) (Noctuidae).....	Asia (country-?).....	....	1	....	Wash.
Aircraft					
<u>Chrysobothris analis</u> LeConte (Buprestidae).....	Mexico.....	1	....	....	Tex.
<u>Cucumis melo</u> (melon)					
<u>Chrysobothris pupureaplagiata</u> Schaeffer (Buprestidae)..	Mexico.....	1	....	....	Tex.
<u>Cucumis melo</u> (melon)					
<u>Chrysodeixis chalcites</u> (Esper)(Noctuidae).....	Japan.....	....	1	....	Hawaii
<u>Chrysanthemum</u> sp. (leaf)					
<u>Chrysolina americana</u> (Linnaeus)(Chrysomelidae).....	Italy.....	1	....	....	N. Y.
<u>Rosmarinus</u> sp. (rosemary)					
<u>Chrysmela texana</u> (Schaeffer)(Chrysomelidae).....	Mexico.....	1	....	....	Tex.
Passenger					
<u>Chrysomphalus pinnulifer</u> Maskell (Diaspididae).....	Africa (country-?), India, Unknown.	....	....	3	Mass., N. Y., Wash.
<u>Dendrobium</u> sp. (leaf)					
<u>Dracaena</u> sp. (leaf)					
Orchid (plant)					
<u>Chrysopera combinans</u> (Walker)(Noctuidae).....	Asia (country-?).....	....	1	....	Calif.
Aircraft					
<u>Cicadella viridis</u> (Linnaeus)(Cicadellidae).....	Asia (country-?), Japan, Okinawa, Philippines.	3	28	....	Alaska, Calif., Del., Wash.
Aircraft					
Cargo					
<u>Cladardia elongatula</u> (Klug)(Tenthredinidae).....	Austria, Germany.....	3	....	....	Mass., N. Y.
<u>Rosa</u> sp. (cut flower)					
<u>Cladius pectinicornis</u> (Fourcroy)(Tenthredinidae).....	England, Germany.....	3	....	1	Ill., Pa., Va.
<u>Rosa</u> sp. (cut flower)					
<u>Cladocerotis optabilis</u> (Boisduval)(?) (Noctuidae).....	Unknown.....	....	1	....	Calif.
Aircraft					
<u>Clavaspis herculeana</u> (Doane & Hadden)(Diaspididae)....	Ecuador, Philippines, Puerto Rico, Trinidad.	4	....	....	Fla., N. Y., Wash.
<u>Spondias</u> sp. (mombin)					
<u>Clerada apicicornis</u> Signoret (Lygaeidae).....	Puerto Rico.....	1	....	....	P. R.
<u>Capsicum</u> cp. (pepper)					
<u>Cligenes distinctus</u> Distant (Lygaeidae).....	Colombia, Mexico.....	1	1	....	Ariz., Tex.
Aircraft					
<u>Cucumis melo</u> (melon)					
<u>Cloresmus nepalensis</u> (Westwood)(Coreidae).....	India.....	....	....	1	Fla.
Orchid (plant)					
<u>Coccus viridis</u> (Green)(Coccidae).....	Bahamas, Haiti, Hawaii, India, St. Kitts, Trinidad, Tahiti, Unknown.	28	2	5	Am. V.I., Calif., Fla., Hawaii, N. J. Pa.
<u>Alpinia purpurata</u> (red ginger) leaf					
<u>Codiaeum variegatum</u> (croton) leaf					
<u>Coffea arabica</u> (Arabian coffee) leaf					
<u>Gardenia jasminoides</u> (gardenia) leaf					
<u>Gerbera</u> sp. (leaf & stem)					
<u>Ixora</u> sp. (cutting)					
<u>Pleione maculata</u> (leaf)					
<u>Plumeria</u> sp. (leaf)					
<u>Colopterus amputatus</u> Erichson (Nitidulidae).....	Guyana, Honduras.....	2	....	....	La., N. Y.
<u>Mangifera indica</u> (mango)					
<u>Colopterus latus</u> (Murray)(Nitidulidae).....	Mexico.....	1	....	4	Calif., Tex.
Bromeliad (plant)					
<u>Fragaria</u> sp. (strawberry)					
Orchid (plant)					
<u>Colopterus macropterus</u> (Erichson)(Nitidulidae).....	Argentina, Mexico, Venezuela.	2	1	....	Md., N. Y., Tex.
<u>Fragaria</u> sp. (strawberry)					
<u>Malus sylvestris</u> (apple)					
<u>Zea mays</u> (corn)					
<u>Conocephalus saltator</u> (Saussure)(Tettigoniidae).....	Hawaii.....	2	....	....	Hawaii
Foliage (mixed)					
<u>Conoderus bifoveatus</u> (Palisot de Beauvois)(Elateridae).	Unknown.....	....	1	....	P. R.
Aircraft					
<u>Conoderus exsul</u> (Sharp)(Elateridae).....	Hawaii.....	4	Hawaii
Baggage					
Flowers (mixed)					
Mail					

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN-
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Conoderus rufangulus</i> (Gyllenhal)(Elateridae)..... Cucumis melo (melon) Orchid (plant)	Chile, Venezuela.....	1	....	1	La., N. Y.
<i>Conoderus scalaris</i> (Germar)(Elateridae)..... Aircraft	Peru(?).....	....	1	....	Fla.
<i>Conotelus conicus</i> (Fabricius)(Nitidulidae)..... Zea mays (corn)	Dominican Republic.....	1	....	....	P. R.
<i>Conotelus mexicanus</i> Murray (Nitidulidae)..... Allium ampeloprasum (leek) A. cepa (onion) Aster sp. (cut flowers) Beta vulgaris var. cicla (swiss chard) Chrysanthemum sp. (cut flowers) Gardenia jasminoides (cut flowers) Lactuca sativa (lettuce) Lathyrus sp. (cut flowers) Phaseolus vulgaris (green bean) Plumeria sp. (cut flowers) Raphanus sativus (radish) Ruta sp. (foliage) Zea mays (corn)	Hawaii, Mexico.....	69	....	....	Ariz., Calif., Hawaii, Ill., Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae)..... Persea americana (avocado)	Guatemala, Honduras, Mexico.	12	1	....	Ariz., Fla., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae)..... Persea americana (avocado)	Honduras, Mexico.....	2	....	....	La., N. Y.
<i>Coptocyclus atroannulus</i> Sharp (Chrysomelidae)..... Bromeliad (plant)	Costa Rica.....	....	....	1	Calif.
<i>Coptosoma xanthogramma</i> (White)(Plataspidae)..... Aircraft Baggage Flowers (mixed) Malus sylvestris (apple)	Hawaii, West Pacific, Unknown.	6	8	....	Hawaii
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae)..... Baggage Cargo	Hawaii, Japan(?).....	2	....	....	Hawaii, La.
<i>Coptotermes formosanus</i> Shiraki (?) (Rhinotermitidae).... Aircraft Wood (crate)	Asia (country-?), Formosa	1	1	....	Alaska, Md.
<i>Cordylomera spincornis</i> (Fabricius)(Cerambycidae)..... Cargo hold (of ship)	Cameroon.....	1	....	....	Fla.
<i>Coryphosima stenoptera</i> (Schaum)(Acrididae)..... Aircraft	Ethiopia.....	....	1	....	Del.
<i>Corythaica venusta</i> (Champion)(Tingidae)..... Debris (with misc. plants)	Mexico.....	....	....	1	Ariz.
<i>Corythucha championi</i> Drake & Cobben (Tingidae)..... Bromeliad (plants)	Mexico.....	....	....	1	Calif.
<i>Cossus cossus</i> Linnaeus (Cossidae)..... Wood (crates)	Italy.....	3	....	....	Calif., Fla.
<i>Cotinis nitida</i> (Linnaeus)(Scarabaeidae)..... Aircraft	Asia (country-?), West Pacific.	....	3	....	Alaska, Calif.
<i>Craspedoxantha marginalis</i> (Wiedemann)(Tephritidae).... Vernonia shirensis (seed)	South Africa.....	....	....	1	D. C.
<i>Craspeduchus bilimeki</i> (Distant)(Lygaeidae)..... Euphorbia sp. (cutting)	Mexico.....	....	....	1	Tex.
<i>Craspeduchus uhleri</i> (Stal)(Lygaeidae)..... Euphorbia sp. (cutting)	Mexico.....	....	....	1	Tex.
<i>Crisicoccus matsumotoi</i> (Shiraiwa)(Pseudococcidae)..... Pyrus communis (pear)	Japan.....	....	1	....	Wash.
<i>Cryphula apicata</i> (Distant)(Lygaeidae)..... Bromeliad (plant) Orchid (plant)	Guatemala, Honduras, Mexico.	....	....	6	Fla., Tex.
<i>Cryphula fasciata</i> (Distant)(Lygaeidae)..... Bromeliad (plant)	Costa Rica.....	....	....	1	Fla.
<i>Cryptoblabes gnidiella</i> (Milliere)(Phycitidae)..... Citrus aurantifolia (lime) C. limon (lemon) C. reticulata cv. (cultivar orange) C. sinensis (sweet orange) Eriobotrya japonica (loquat) Ficus carica (fig) Palm (leaf) Punica granatum (pomegranate)	Bermuda, Greece, Italy, Lebanon, Morocco, Portugal(?), Spain, Unknown.	16	26	Bermuda, Fla., Ill., La., N. J., N. Y., Pa., S. C., Va.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Cryptophlebia illepidia</u> (Butler)(Olethreutidae).....	Hawaii.....	2	....	....	Hawaii
<u>Litchi chinensis</u> (lychee)					
<u>Cryptophebia leucotreta</u> (Meyrick)(Olethreutidae).....	Angola, Ivory Coast,	8	7	....	Md., Mich., N. Y., Pa., Va.
<u>Capsicum</u> sp. (pepper)	Kenya, Liberia,				
<u>Citrus sinensis</u> (sweet orange)	Nigeria, Senegal,				
<u>Citrus</u> sp. (fruit)	South Africa, Unknown.				
<u>Punica granatum</u> (pomegranate)					
<u>Zea mays</u> (corn)					
<u>Cryptophlebia schistaceana</u> (Snellen)(Olethreutidae)....	Unknown.....	1	....	....	Wash.
<u>Saccharum officinarum</u> (sugarcane)					
<u>Cryptorhynchus mangiferae</u> (Fabricius)(Curculionidae)...	Australia, Guam,	62	7	1	Calif., Guam, Hawaii, N. Y., Tex., Wash, Va.
<u>Mangifera indica</u> (mango)	Hawaii, India, Kenya, Philippines.				
<u>Cryptotermes brevis</u> (Walker)(Kalotermitidae).....	Bahamas, Cuba, Hawaii, Philippines.	13	1	....	Calif., Fla., Hawaii
Baggage					
<u>Bambusa</u> sp. (bamboo)					
Cargo					
Mail					
Quarters (of ship)					
Wood					
<u>Ctenopseustis obliquana</u> (Walker)(Tortricidae).....	New Zealand.....	2	....	....	Hawaii
<u>Malus sylvestris</u> (apple)					
<u>Curculio elephas</u> (Gyllenhal)(Curculionidae).....	Greece, Italy,	68	....	....	Ill., Mass., N. Y.
<u>Castanea sativa</u> (chestnut)	Portugal, Spain, Yugoslavia.				
<u>Curculio nucum</u> Linnaeus (Curculionidae).....	Italy, Yugoslavia.....	3	....	1	Calif., Mass., N. Y.
<u>Corylus avellana</u> (filbert)					
<u>Cyclocephala dimidiata</u> Burmeister (Scarabaeidae).....	Mexico.....	1	....	....	Tex.
Cargo					
<u>Cyclocephala signaticollis</u> Burmeister (Scarabaeidae)...	South America.....	....	1	....	N. Y.
Aircraft					
<u>Cyclocephala villosa</u> Blanchard (Scarabaeidae).....	Okinawa.....	1	....	....	Del.
Aircraft					
<u>Cydonoides albipennis</u> (Say)(Cydnidae).....	Mexico.....	2	....	....	Tex.
Baggage					
<u>Portulaca oleracea</u> (purslane)					
<u>Cydnus lepidus</u> Stal (Cydnidae).....	Nigeria.....	1	....	....	La.
Cargo (at large)					
<u>Cydnus nigrinus</u> (Fabricius)(Cydnidae).....	Asia (country-?), Japan.	....	4	....	Wash.
Aircraft					
<u>Cylas formicarius elegantulus</u> (Summers)(Curculionidae).	Antigua, Cuba,	36	4	....	Am. V.I., Fla., N. Y., Pa., P. R., Tex.
<u>Ipomoea batatas</u> (sweetpotato)	Dominican Republic, Ecuador, Haiti, Jamaica, Mexico, Montserrat, Puerto Rico.				
Quarters (of ship)					
<u>Cylas formicarius formicarius</u> (Fabricius) (Curculionidae).....	Malaysia, Philippines..	2	....	....	N. Y., Wash.
<u>Ipomoea batatas</u> (sweetpotato)					
<u>Cymus angustatus</u> Stal (Lygaeidae).....	Mexico.....	1	....	....	Tex.
Moss - unidentified					
<u>Cymus guatemalanus</u> Distant (Lygaeidae).....	Honduras.....	....	....	1	Fla.
Orchid (plant)					
<u>Cynips quercuscalicis</u> Burgsdorf (Cynipidae).....	Italy.....	1	....	....	Md.
<u>Quercus</u> sp. (acorn)					
<u>Cyrtopistomus castaneus</u> (Roelofs)(Curculionidae).....	Germany.....	....	1	....	Del.
Aircraft					
<u>Dacus costalis</u> (Shiraki)(Tephritidae).....	Hong Kong(?).....	1	....	....	Hawaii
Cargo					
<u>Dacus cucurbitae</u> Coquillett (Tephritidae).....	Hawaii.....	7	1	....	Calif., Hawaii
<u>Cucumis sativus</u> (cucumber)					
<u>Lycopersicon esculentum</u> (tomato)					
<u>Sechium edule</u> (chayote)					

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Dacus dorsalis</u> Hendel (Tephritidae).....	Hawaii.....	55	2	....	Calif., Guam, Hawaii
<u>Calophyllum inophyllum</u> (kamani)					
<u>Carica papaya</u> (papaya)					
<u>Eugenia jambos</u> (rose apple)					
<u>E. malaccensis</u> (mountain apple)					
<u>Ficus carica</u> (fig)					
<u>Litchi chinensis</u> (lychee)					
<u>Mangifera indica</u> (mango)					
<u>Musa</u> sp. (banana)					
<u>Persea americana</u> (avocado)					
<u>Psidium guajava</u> (guava)					
<u>Punica granatum</u> (pomegranate)					
<u>Terminalia catappa</u> (tropical almond)					
<u>Dacus oleae</u> (Gmelin)(Tephritidae).....	Crete, Greece, Italy, Lebanon, Spain, Unknown.	60	....	....	Calif., Ill., Mass., N. Y., Pa., P. R., Va.
<u>Olea europaea</u> (olive)					Oreg.
<u>Dallasiellus lugubris</u> (Stal)(Cydniidae).....	El Salvador.....	1	....	....	Fla.
Cargo (cotton lintners)					
<u>Dargida graminivora</u> Walker (Noctuidae).....	Colombia (?).....	....	1	....	Fla.
Aircraft					
<u>Dasdactylus sellatus</u> (Crotch)(Languriidae).....	Mexico.....	....	....	1	Tex.
<u>Zamia furfuracea</u> (cycad plant)					
<u>Davara caricae</u> (Dyar)(Phycitidae).....	Bahamas, Dominican Republic.	4	....	....	Fla., P. R.
<u>Carica papaya</u> (papaya)					
<u>Delphacodes gluciophila</u> Muir (Delphacidae).....	Ecuador(?).....	....	1	....	Fla.
Aircraft					
<u>Delphacodes humilis</u> (Van Duzee)(Delphacidae).....	Unknown.....	....	1	....	Fla.
Aircraft					
<u>Delphacodes nigra</u> (Crawford)(Delphacidae).....	Ecuador(?).....	....	1	....	Fla.
Aircraft					
<u>Delphacodes pacifica</u> (Crawford)(Delphacidae).....	Mexico, Vietnam.....	2	....	....	Ariz., Del.
Cargo					
<u>Delphacodes propinqua</u> (Fieber)(Delphacidae).....	Asia (country-?), Bahamas, Thailand.	....	6	....	Calif., Del., Fla., Wash.
Aircraft					Del., Fla.
<u>Delphacodes puella</u> (Van Duzee)(Delphacidae).....	Bahamas, Okinawa(?)....	1	1	....
Aircraft					
Cargo					
<u>Deltocephalus distinctus</u> Motschulsky (Cicadellidae)....	Asia (country-?).....	....	1	....	Wash.
Aircraft					
<u>Deltocephalus subviridis</u> (Metcalf)(Cicadellidae).....	Asia (country-?).....	....	1	....	Wash.
Aircraft					
<u>Dialeurodes egregissima</u> Sampson & Drews (Aleyrodidae)..	El Salvador.....	....	....	1	Fla.
<u>Ficus</u> sp. (leaf)					
<u>Dialeurodes kirkaldyi</u> (Kotinsky)(Aleyrodidae).....	Hawaii, Japan, Philippines, Tahiti.	7	1	3	Calif., Hawaii
<u>Gardenia taitensis</u> (leaf)					
<u>Gardenia</u> sp. (leaf)					
<u>Jasminum sambac</u> (pikake) leaf					
<u>Plumeria</u> sp. (leaf)					
<u>Dialeurodes tristylis</u> Takahashi (Aleyrodidae).....	Japan.....	....	4	....	Oreg.
<u>Eurya</u> sp. (leaf)					
Leaf - unidentified					
<u>Diaphania indica</u> (Saunders)(Pryaustidae).....	Jamaica.....	1	....	....	Fla.
Herb - unidentified					
<u>Diaprepes abbreviatus</u> (Linnaeus)(Curculionidae).....	Puerto Rico.....	2	....	....	P. R.
<u>Ananas comosus</u> (pineapple)					
<u>Dioscorea</u> sp. (yam)					
<u>Diatraea busckella</u> Dyar & Heinrich (Crambidae).....	Colombia.....	....	....	4	D. C.
<u>Tripsacum</u> sp. (gamagrass)					
<u>Diatraea considerata</u> Heinrich (Crambidae).....	Mexico.....	5	....	....	Ariz., Tex.
<u>Saccharum officinarum</u> (sugarcane)					
<u>Dichrocrocis punctiferalis</u> (Guenee)(Pyaustidae).....	Japan.....	....	1	....	Wash.
<u>Pinus</u> sp. (plant & leaf)					
<u>Dichromorpha viridis</u> (Schudder)(Acrididae).....	Bahamas.....	1	....	....	Fla.
Baggage					
<u>Dicranotropis muiri</u> Kirkaldy (Delphacidae).....	Asia (country-?).....	....	1	....	Wash.
Aircraft					
<u>Dicranotropis nagaragawana</u> (Matsumura)(Delphacidae)....	Japan.....	....	1	....	Wash.
Aircraft					
<u>Dilophus febrilis</u> (Linnaeus)(Bibionidae).....	Europe (country-?), Ireland(?)..	2	Mass., Va.
Aircraft					

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Dinara combusta</i> (Walker) (Notodontidae)..... Aircraft	Philippines.....	....	1	....	Wash.
<i>Dinaspis aculeata</i> Ferris (Diaspididae)..... Bromeliad (plant) <i>Chamaedorea</i> sp. (leaf)	Guatemala, Mexico.....	1	....	1	Calif., Tex.
<i>Dinoderus brevis</i> Horn (Bostrichidae)..... Bambusa sp. (bamboo) Wood (pallet)	Ceylon, Formosa, India.	6	....	....	Oreg., Pa., P. R.,
<i>Diocalandra taitensis</i> (Guerin-Meneville) (Curculionidae)..... Baggage <i>Cocos nucifera</i> (coconut)	Hawaii.....	8	....	1	Calif., Hawaii
<i>Dioxyna picciola</i> (Bigot) (Tephritidae)..... Aircraft	Midway(?), Mexico Unknown.	....	2	1	Calif., Fla., Tex.
<i>Draeculacephala clypeata</i> Osborn (Cicadellidae)..... Aircraft	Colombia(?).....	....	10	....	Fla.
<i>Draeculacephala inscripta</i> Van Duzee (Cicadellidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<i>Draeculacephala producta</i> (Walker) (Cicadellidae)..... Aircraft	Nicaragua(?).....	....	1	....	Fla.
<i>Ducetia japonica</i> (Thunberg) (Tettigoniidae)..... Aircraft	Asia (country-?).....	....	3	....	Alaska, Calif.
<i>Dynaspidiotus abieticola</i> Koroneos (Diaspididae)..... Abies sp. (leaf)	Greece.....	1	....	....	N. Y.
<i>Dyscinetus dytiscoides</i> Arrow (Scarabaeidae)..... Quarters (of ship)	Unknown.....	....	1	....	Tex.
<i>Dyscinetus morator</i> (Fabricius) (Scarabaeidae)..... Quarters (of ship)	Unknown.....	....	1	....	La.
<i>Dysdercus flavolimbatus</i> Stal (Pyrrhocoridae)..... Debris	Mexico.....	1	....	....	Tex.
<i>Dysdercus incertus</i> Distant (Pyrrhocoridae)..... <i>Ananas comosus</i> (pineapple)	Mexico.....	1	....	....	Tex.
<i>Dyspessa ulula</i> (Borkhausen) (Cossidae)..... <i>Allium sativum</i> (garlic)	Italy, Spain.....	4	....	....	N. Y., P. R.
<i>Earias insulana</i> (Boisduval) (Noctuidae)..... <i>Hibiscus esculentus</i> (okra)	Iraq.....	2	....	....	N. Y.
<i>Edessa bifida</i> (Say) (Pentatomidae)..... Bromeliad (plant) Orchid (plant)	Guatemala, Nicaragua...	....	....	4	Fla.
<i>Edessa cornuta</i> Burmeister (Pentatomidae)..... Aircraft	Unknown.....	....	1	....	P. R.
<i>Elaphidion irroratum</i> (Linnaeus) (Cerambycidae)..... Baggage	Bahamas.....	1	....	....	Fla.
<i>Elaphria chalconia</i> (Hubner) (Noctuidae)..... Aircraft	South America (country-?).....	....	1	....	Fla.
<i>Elasmolomus cordidus</i> (Fabricius) (Lygaeidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<i>Enaphalodes atomarius</i> (Drury) (Cerambycidae)..... Aircraft	Europe (country-?).....	....	1	....	Del.
<i>Endria inimica</i> (Say) (Cicadellidae)..... Aircraft	Bahamas, West Indies (country-?).....	....	2	....	Fla.
<i>Enmonodia unistrigata</i> (Guenee) (?) (Noctuidae)..... Aircraft	Midway.....	....	1	....	Calif.
<i>Ephyrodes cacata</i> Guenee (?) (Noctuidae)..... Aircraft	Panama(?).....	....	1	....	Fla.
<i>Epicaerus cognatus</i> Sharp (Curculionidae)..... <i>Solanum tuberosum</i> (potato) tuber	Mexico.....	1	....	....	Tex.
<i>Epicauta callosa</i> LeConte (Meloidae)..... Baggage	Mexico.....	1	....	....	Tex.
<i>Epichorista ionephela</i> (Meyrick) (Tortricidae)..... <i>Ornithogalum thyrsoides</i> (cut flowers)	South Africa.....	1	....	....	N. Y.
<i>Epilachna dentulata</i> Dieke (Coccinellidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<i>Epilachna niponica</i> Lewis (Coccinellidae)..... <i>Brassica campestris</i> (Chinese cabbage)	Korea.....	....	1	....	Oreg.
<i>Epinotia aporema</i> (Walsingham) (Olethreutidae)..... <i>Crotalaria</i> sp. (cut flower) <i>Cucurbita maxima</i> (squash) <i>Phaseolus vulgaris</i> (string bean) <i>Vicia faba</i> (faba bean) <i>Vigna sinensis</i> (cowpea)	Chile, Colombia, Ecuador, Guatemala, Mexico, Peru, Puerto Rico, Venezuela.	11	5	Fla., N. Y., Pa., Tex.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN-
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Epiphyas postvittana</u> (Walker)(Tortricidae)..... Fragaria sp. (strawberry) Malus sylvestris (apple) Prunus sp. (fruit)	Australia, New Zealand.	4	1	....	Hawaii, Wash.
<u>Ericeia inanagulata</u> (Guenee)(Noctuidae)..... Aircraft	Asia (country-?), Japan, Midway.	....	5	....	Alaska, Calif., Wash.
<u>Ernobius abietis</u> (Fabricius)(Anobiidae)..... Picea sp. (spruce cone)	Europe (country-?), Germany.	2	....	1	Md., Ohio, Pa.
<u>Euaulana austrina</u> Drake (Tingidae)..... Banksia sp. (cut flowers)	Australia.....	1	....	....	N. Y.
<u>Euaestoides acutangulus</u> (Thomson)(Tephritidae)..... Lactuca sativa (lettuce)	Mexico.....	2	....	....	Tex.
<u>Eublemma "anachoresis"</u> (Wallengren)(Noctuidae)..... Aircraft	Philippines.....	....	1	....	Hawaii
<u>Eublemma cochylioides</u> (Guenee)(Noctuidae)..... Vernonia sp. (seed)	Kenya.....	....	....	1	D. C.
<u>Eublemma dimidiatis</u> (Fabricius)(Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<u>Eucalandra setulosa</u> (Gyllenhal)(Curculionidae)..... Bambusa sp. (bamboo) Debris	Mexico, Unknown.....	1	1	....	Tex., Va.
<u>Euclidisema mygodon</u> (Cramer)(Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Euceraphis punctipennis</u> (Zetterstedt)(Aphididae)..... Betula sp. (plant)	Netherlands.....	....	....	1	N. J.
<u>Euetheola humilis</u> Burmeister (Scarabaeidae)..... Aircraft	Colombia, Unknown.....	....	2	....	Fla.
<u>Euetheola rugiceps</u> (LeConte)(?) (Scarabaeidae)..... Aircraft	South America (country-?).....	....	1	....	Fla.
<u>Eugasteroides loricated</u> (Gerstaecker)(Tettigoniidae)..... Cargo	Kenya.....	....	....	1	Calif.
<u>Euleia heraclei</u> (Linnaeus)(Tephritidae)..... Apium graveolens var. dulce (celery) Nasturtium officinale (watercress) Petroselinum crispum (parsley)	England, Germany.....	....	4	....	Fla., Mass., Va.
<u>Eumaenas salamina</u> (Cramer)(Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Euphoria basalis</u> Gory & Percheron (Scarabaeidae)..... Orchid (plant)	Honduras.....	....	....	1	Tex.
<u>Euphoria dimidiata</u> Gory & Percheron (Scarabaeidae)..... Orchid (plant)	Mexico.....	....	....	1	Tex.
<u>Euphoria kerni</u> Haldeman (Scarabaeidae)..... Automobile Cucumis melo (melon) Dianthus caryophyllus (carnation) Mail Rosa sp. (cut flowers)	Mexico.....	8	....	....	Pa., Tex.
<u>Euphoria leocographa</u> Gory & Percheron (Scarabaeidae)..... Automobile Sesquium edule (chayote)	Costa Rica, Mexico.....	1	1	....	Ariz., Fla.
<u>Euphoria sepulchralis floridana</u> Casey (Scarabaeidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<u>Euphoria texana</u> Schaeffer (Scarabaeidae)..... Rosa sp. (rose)	Mexico.....	1	....	....	Tex.
<u>Euphyllura olivina</u> (Costa)(Psyllidae)..... Olea sp. (olive)	Greece, Spain.....	3	....	....	Ill., Mass., N. Y.
<u>Eurytoma amygdali</u> Enderlein (Eurytomidae)..... Prunus amygdalus (almond)	Greece, Israel.....	2	....	....	Mass., Va.
<u>Euproctis perpusillans</u> Strand (Lymantriidae)..... Aircraft	Japan.....	....	1	....	Calif.
<u>Eupteryx triangularis</u> Matsumura (Cicadellidae)..... Quarters (of ship)	Japan(?).....	....	1	....	Fla.
<u>Euscepes postfasciatus</u> (Fairmaire)(Curculionidae)..... Ipomoea batatas (sweetpotato)	Brazil, Trinidad, Venezuela, Unknown.	1	4	....	Ala., Fla., Md.
<u>Euxoa crassa</u> (Treitschke)(?) (Noctuidae)..... Baggage	Spain.....	1	....	....	N. J.
<u>Euxoa segetum</u> (Dennis & Schiffermuller)(?) (Noctuidae)..... Aircraft	France.....	1	Del.
<u>Everes comyntas</u> (Godart)(Lycaenidae)..... Pisum sativum (pea)	Mexico.....	9	Tex.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Evergestis forficalis</i> (Linnaeus) (Pyraustidae)..... Brassica oleracea var. capitata (cabbage)	England, Germany, Italy, Yugoslavia.	4	La., Md., N. Y.
<i>Exitianus capicola</i> (Stal) (Cicadellidae)..... Vitis sp. (grape)	South Africa.....	1	....	....	N. Y.
<i>Exitianus obscurinervis</i> (Stal) (Cicadellidae)..... Aircraft	Argentina, Ecuador.....	....	3	....	Fla.
<i>Exitianus picatus</i> (Gibson) (Cicadellidae)..... Automobile	Mexico.....	....	1	....	Tex.
<i>Exitianus taeniaticeps</i> (Kirschbaum) (Cicadellidae)..... Aircraft	Germany.....	....	1	....	Del.
<i>Exptochioma minima</i> (Guerin-Meneville) (Lygaeidae)..... Orchid (plant)	Mexico.....	....	....	1	Tex.
<i>Filippia viburni</i> (Signoret) (Coccidae)..... Hedera helix (English ivy) leaf	England.....	....	2	....	N. Y.
<i>Frankliniella formosae</i> Moulton (Thripidae)..... Flowers: (<i>Chrysanthemum morifolium</i> , <i>Chrysanthemum</i> sp., <i>Dahlia</i> sp., <i>Delphinium</i> sp., <i>Dianthus</i> sp., <i>Gardenia</i> sp., <i>Gerberia</i> sp., <i>Gladiolus</i> sp., <i>Lilium</i> sp., <i>Rosa</i> sp., <i>Zinnia</i> sp., and unidentified flowers)	Asia (country-?), Korea, Japan.	52	30	1	Alaska, Calif., Oreg., Wash.
<i>Frankliniella intonsa</i> (Trybom) (Thripidae)..... Flowers: (<i>Dianthus caryophyllus</i> , <i>Rosa</i> sp., and unidentified flowers) Seed - unidentified	Europe (country-?), Poland, Sweden.	7	....	....	Mich., Wash.
<i>Frankliniella schultzei</i> (Trybom) (Thripidae)..... Ornithogalum thyrsoides (Cape chinkerichee)	South Africa.....	1	....	....	Mich.
<i>Fundella pellucens</i> Zeller (Phycitidae)..... Cajanus cajan (pigeon pea)	St. Kitts.....	1	....	....	P. R.
<i>Furcaspis oceanica</i> Lindinger (Diaspididae)..... Cocos nucifera (coconut)	Kwajalein.....	7	5	2	Hawaii
<i>Furcipes rectirostris</i> (Linnaeus) (Curculionidae)..... Prunus sargentii (seed)	Japan.....	....	....	2	N. J.
<i>Gahaniola phragmitis</i> Erdos (Eurytomidae)..... Phragmites communis (reed) stem	Austria.....	2	....	....	Ga., Md.
<i>Galgula partita</i> Guenee (Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<i>Galgupha quadrisignata</i> (Stal) (Cydnididae)..... Bromeliad (plant) Cactus (plant)	Mexico.....	....	....	2	Tex.
<i>Gelechia ericetella</i> (Hubner) (Gelechiidae)..... Calluna vulgaris (heather)	Norway, Scotland.....	3	....	....	N. Y.
<i>Geneparlatoria pseudaspidotus</i> (Lindinger) (Diaspididae)..... Dendrobium sp. (plant) Orchid (plant)	Hawaii, Trinidad.....	....	....	5	Calif., Fla.
<i>Geniates panamensis</i> Arrow (Scarabaeidae)..... Aircraft	Central America (country-?), Panama, Unknown.	....	39	....	Fla.
<i>Genuchinus v-notatus</i> Westwood (Scarabaeidae)..... Bromeliad (plant)	Mexico.....	....	....	1	Tex.
<i>Genuchus hottentotus</i> (Fabricius) (Scarabaeidae)..... Protea sp. (cut flowers)	South Africa.....	1	....	....	N. Y.
<i>Geotomus pygmaeus</i> (Dallas) (Cydnididae)..... Aircraft	Asia (country-?), Okinawa(?), Thailand, Vietnam.	....	10	....	Alaska, Del., Wash.
<i>Gesonia obeditalis</i> Walker (Noctuidae)..... Aircraft	Okinawa, Japan.....	....	2	....	Calif., Del.
<i>Gesonula punctifrons</i> (Stal) (Acrididae)..... Aircraft	Japan.....	....	2	....	Calif.
<i>Giraudiella inclusa</i> (Frauenfeld) (Cecidomyiidae)..... Phragmites communis (reed) stem	Austria, Italy, Yugoslavia.	6	....	....	Ga., Ill., La., Md., Tex.
<i>Glycyphana fulvistemma</i> Motschulsky (Scarabaeidae)..... Aircraft	Unknown.....	....	1	....	Wash.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae)..... Beta vulgaris (beet)	Soviet Union, United Arab Republic.	....	2	....	La., Pa.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae)..... Lycopersicon esculentum (tomato)	Australia.....	....	2	....	Hawaii
<i>Graminella nigrifrons</i> (Forbes) (Cicadellidae)..... Aircraft	Asia (country-?), West Indies, Unknown.	3	Am. V.I., Del., Fla.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Graminella nigripennis</u> (DeLong)(Cicadellidae)..... Aircraft	Panama(?).....	1	Fla.
<u>Graminella villica</u> (Crumb)(Cicadellidae)..... Aircraft	Ecuador(?).....	....	1	....	Fla.
<u>Crammephorus minor</u> Schwarz (Elateridae)..... <u>Vitis</u> sp. (grape)	Chile.....	1	....	....	N. Y.
<u>Grammodes geometrica</u> (Fabricius)(Noctuidae)..... Aircraft	Asia (country-?).....	....	2	....	Calif.
<u>Grammodes geometrica orientalis</u> Warren (Noctuidae)..... Aircraft	Asia (country-?)..... Japan, Midway, Unknown.	....	8	....	Alaska, Calif., Wash.
<u>Granida albolineata</u> Motschulsky (Scarabaeidae)..... Aircraft	Japan(?).....	....	1	....	Wash.
<u>Graphocephala coccinae</u> (Forester)(Cicadellidae)..... <u>Chamaedorea</u> sp. (leaf)	Mexico.....	1	....	....	Tex.
<u>Graphocephala versuta</u> (Say)(Cicadellidae)..... Aircraft	Bahamas(?).....	....	1	....	Fla.
<u>Grapholitha funebrana</u> Treitschke (Olethreutidae)..... <u>Prunus domestica</u> (plum)	Austria, England.....	1	1	....	Mass., Wash.
<u>Graphosoma lineatum</u> Linnaeus (Pentatomidae)..... Cucurbit (seed)	Italy.....	....	....	1	Mass.
<u>Graptostethus manillensis</u> (Stal)(Lygaeidae)..... <u>Ananas comosus</u> (pineapple)	Hawaii.....	1	....	....	Hawaii
<u>Gryllotalpa africana</u> Palisot de Beauvois (Gryllotalpidae)..... Aircraft Cargo <u>Vitis</u> sp. (grape seedlings)	Asia (country-?), Italy, Japan, Philippines, Singapore.	2	23	1	Alaska, Calif., Del., Hawaii, N. Y., Wash.
<u>Gryllus assimilis</u> (Fabricius)(Gryllidae)..... Aircraft Baggage Orchid (plant)	Cuba, Guatemala, Haiti(?), Mexico, Panama.	1	4	2	Calif., Fla., Tex.
<u>Gryllus bimaculatus</u> DeGeer (Gryllidae)..... Aircraft Baggage Cargo Cargo hold (of ship) Mail	Asia (country-?), Hong Kong, Ireland, Italy, Japan, Libya, Okinawa, Philippines, Thailand, Vietnam, Unknown.	10	79	....	Alaska, Calif., Del., Hawaii, N. Y., Pa., Tex., Wash.
<u>Gryllus capitatus</u> Saussure (Gryllidae)..... Aircraft Baggage <u>Cucumis melo</u> (melon) Mail	Chile, Ecuador, Peru, South America (country-?), Unknown.	5	6	....	Fla., N. Y.
<u>Gymnandrosoma aurantianum</u> Costa Lima (Olethreutidae)... <u>Citrus sinensis</u> (sweet orange)	Argentina, Brazil(?)...	....	2	....	Mass., N. Y.
<u>Hadena reticulata</u> (Villiers)(Noctuidae)..... Aircraft	Germany, Turkey.....	....	3	....	Del.
<u>Haldorus sexpunctatus</u> (Berg)(Cicadellidae)..... Aircraft	Bahamas(?).....	....	1	....	Fla.
<u>Hansenia pulverulenta</u> (Guerin-Meneville)(Flatidae).... <u>Chamaedorea</u> sp. (leaf)	Mexico.....	1	....	....	Tex.
<u>Haplothrips gowdeyi</u> (Franklin)(Phlaeothripidae)..... Flowers: (<u>Bougainvillea</u> sp., <u>Strongylodon macrobotrys</u> , and unidentified flowers)	Guam, Hawaii, Thailand.	4	....	....	Calif., Hawaii
<u>Haplotinea ditella</u> (Potiez & Michaud)(Tineidae)..... Cargo	Germany.....	1	....	....	N. C.
<u>Haptognathus pacificus</u> Gillogly (Nitidulidae)..... <u>Plumeria</u> sp. (cut flower)	Guam.....	1	....	....	Hawaii
<u>Haptoncus californicus</u> Gillogly (Nitidulidae)..... <u>Malus sylvestris</u> (apple)	Australia.....	2	....	....	Hawaii
<u>Haptoncus luteolus</u> Erichson (Nitidulidae)..... <u>Ananas comosus</u> (pineapple) Debris (grain residue) Mail <u>Saccharum officinarum</u> (sugarcane) <u>Sorghum dochna</u> var. <u>technicum</u> (broom corn) <u>Viola</u> sp. (logs) <u>Zea mays</u> (corn)	Brazil, Dominican Republic, Mexico, Puerto Rico, St. Kitts, South America (country-?).	8	1	2	Am. V.I., Fla., N. C., P. R., Tex.
<u>Haptoncus reflexicollis</u> Motschulsky (Nitidulidae)..... Aircraft	Jamaica(?).....	1	Fla.

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<u>Heliocentia apicalis</u> (Herrich-Schaffer)(Noctuidae)..... Aircraft	Jamaica.....	1	Fla.
<u>Heliiothis armigera</u> (Hubner)(Noctuidae)..... Aircraft	Asia (country-?).....	....	5	....	Alaska, Wash.
<u>Heliiothis phloxiphaga</u> (Grote & Robinson)(Noctuidae).... Capsicum sp. (pepper)	Mexico.....	1	....	....	Ariz.
<u>Helochara argentina</u> (Berg)(Cicadellidae)..... Aircraft	Chile.....	....	1	....	Fla.
<u>Hemiberlesia palmae</u> (Cockerell)(Diaspididae)..... Bromeliad (plant) Citrus sinensis (sweet orange)	Brazil, Costa Rica, Nicaragua, Panama.	1	....	4	Calif., Fla.
<u>Hemimene juliana</u> (Curtis)(Olethreutidae)..... Castanea sativa (chestnut) Quercus suber (oak) seed	Italy.....	3	....	....	Mass., N. Y.
<u>Heraeus coquilletti</u> Barber (Lygaeidae)..... Cucumis melo (melon)	Mexico.....	1	....	....	Ariz.
<u>Heraeus guttatus</u> (Dallas)(Lygaeidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<u>Hermonassa cecilia</u> Butler (Noctuidae)..... Aircraft	Japan.....	....	1	....	Wash.
<u>Herpetogramma licarsisalis</u> (Walker)(Pyraustidae)..... Aircraft Baggage	Hawaii.....	1	8	....	Hawaii
<u>Heterachthes pallidus</u> Haldeman (Cerambycidae)..... Aircraft	Japan.....	....	1	....	Calif.
<u>Heterobostrychus aequalis</u> (Waterhouse)(Bostrichidae)... Aircraft Bambusa sp. (bamboo) Cargo Cargo hold (of ship) Dunnage Mail Wood (crates)	Asia (country-?), Ceylon, Colombia, Formosa, India, Madagascar, Malaysia, Pakistan, Philippines, Singapore, Thailand, Vietnam, Unknown.	405	10	....	Alaska, Ala., Calif., Del., Fla., Ga., Hawaii, La., Md., Mich., N. Y., Oreg., Pa., S. C., Tex., Va., Wash.
<u>Heterobostrychus brunneus</u> (Murray)(Bostrichidae)..... Wood (crates)	Ivory Coast.....	1	....	....	Fla.
<u>Heterogaster urticae</u> (Fabricius)(Lygaeidae)..... Cactus (plant)	Israel.....	....	....	1	N. Y.
<u>Heteropsylla fusca</u> Crawford (Psyllidae)..... Aircraft	Dominican Republic.....	....	1	....	P. R.
<u>Heteropternis respondens</u> (Walker)(Acrididae)..... Cargo	Hong Kong.....	1	....	....	Hawaii
<u>Heterotermes convexinotatus</u> (Snyder)(Rhinotermitidae).. Cargo	Antigua.....	1	....	....	Fla.
<u>Hippiscus rugosus</u> (Scudder)(Acrididae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<u>Hilarocassis exclamationis</u> (Linnaeus)(Chrysomelidae)... Acacia sp. (seed)	Mexico.....	....	....	1	Tex.
<u>Homalodisca ichthyocephala</u> (Signoret)(Cicadellidae).... Cucumis melo (melon) C. sativus (cucumber)	Mexico.....	9	....	....	Tex.
<u>Homalodisca insolita</u> (Walker)(Cicadellidae)..... Cucumis melo (melon) Orchid (plant)	Mexico, Nicaragua.....	1	....	1	Fla., Tex.
<u>Homoeogryllus japonicus</u> (Haan)(Gryllidae)..... Baggage	Japan.....	1	....	....	Alaska
<u>Homoeogryllus tessellatus</u> (Serville)(Gryllidae)..... Aircraft	Liberia.....	....	1	....	S. C.
<u>Homoeoxiphus lycoides</u> (Walker)(Gryllidae)..... Aircraft Cargo	Asia (country-?), Vietnam.	1	1	....	Del., Wash.
<u>Hordnia circellata</u> (Baker)(Cicadellidae)..... Chrysanthemum sp. (cut flowers)	Mexico.....	1	....	....	Ariz.
<u>Hortensia similis</u> (Walker)(Cicadellidae)..... Aircraft	Colombia, Jamaica, Panama(?), Unknown.	....	9	....	Fla.
<u>Hybosorus illigeri</u> Reiche (Scarabaeidae)..... Aircraft Baggage	Cuba, Costa Rica(?), Dominican Republic(?), El Salvador(?), Haiti(?), Jamaica, Panama, Puerto Rico, Venezuela(?), Unknown.	1	24	Fla.

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<u>Hylotrupes bajulus</u> (Linnaeus)(Cerambycidae)..... Wood (crates)	Italy, Portugal.....	3	Calif., La., Wash.
<u>Hylurgops palliatus</u> (Gyllenhal)(Scolytidae)..... Dunnage Picea sp. (bark)	Europe (country-?).....	1	1	....	Mich., Oreg.
<u>Hylurgus ligniperda</u> (Fabricius)(Scolytidae)..... Wood (crates)	Italy, Portugal.....	3	....	....	Calif., La., Pa.
<u>Hypenopsis macula</u> (Druce)(?) (Noctuidae)..... Aircraft	Panama.....	....	1	....	Fla.
<u>Hypothenemus hampei</u> (Ferrari)(Scolytidae)..... Coffea arabica (Arabian coffee) Coffea sp. (coffee seed)	Africa (country-?), Angola, Brazil, Cameroon, Ethiopia, Ghana, Indonesia, Ivory Coast, Liberia, Malaysia, South America (country-?), South Africa, Tahiti.	26	1	....	Fla., Hawaii, La., N. C., N. Y.
<u>Isotrrips obscuratus</u> (Crawford)(Thripidae)..... Fragaria sp. (strawberry)	New Zealand.....	1	....	....	Hawaii
<u>Ips acuminatus</u> (Gyllenhal)(Scolytidae)..... Wood (crates)	Sweden.....	1	....	....	Fla.
<u>Ips plastographus</u> (LeConte)(Scolytidae)..... Wood (bark)	Mexico.....	1	....	....	Tex.
<u>Ips typographus</u> (Linnaeus)(Scolytidae)..... Dunnage	Germany.....	....	1	....	Mich.
<u>Inazuma dorsalis</u> (Motschulsky)(Cicadellidae)..... Aircraft Cargo	Asia (country-?), Okinawa(?), Philippines(?).	1	3	....	Calif., Del., Wash.
<u>Insara intermedia</u> (Brunner)(Tettigonidae)..... Orchid (plant)	Honduras.....	....	....	1	Fla.
<u>Kuwanaspis pseudoleucaspis</u> (Kuwana)(Diaspididae)..... Bambusa sp. (stem)	Japan.....	....	....	1	Fla.
<u>Lachnopus curvipes</u> (Fabricius)(Curculionidae)..... Aircraft	Unknown.....	....	1	....	P. R.
<u>Lacinipolia stricta</u> (Walker)(Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<u>Lacinipolia stricta</u> (Walker)(?) (Noctuidae)..... Aircraft	Japan(?).....	....	1	....	Calif.
<u>Lampides boeticus</u> (Linnaeus)(Lycaenidae)..... Sesbania grandiflora (cut flowers) Vegetables (mixed)	Hawaii, India.....	2	....	....	Hawaii, N. Y.
<u>Larinus scolymi</u> Olivier (Curculionidae)..... Cynara scolymus (artichoke)	Italy.....	1	....	....	Mass.
<u>Laspeyresia caryana</u> (Fitch)(Olethreutidae)..... Carya illinonensis (pecan)	Mexico.....	1	....	....	Tex.
<u>Laspeyresia membrosea</u> Heinrich (Olethreutidae)..... Prosopis juliflora (mesquite)	Mexico.....	1	....	....	Calif.
<u>Laspeyresia splendana</u> (Hubner)(Olethreutidae)..... Castanea sativa (chestnut) Quercus sp. (oak seed)	Greece, Italy, Portugal, Rumania, Spain, Unknown.	48	3	1	Ill., Md., Mass., N. Y., Pa., S. C., Tex.
<u>Laspeyresia strobilella</u> (Linnaeus)(Olethreutidae)..... Picea sp. (spruce cone) Pinus sp. (pine cone)	Austria, France, Germany, Hungary, Israel(?), Italy, Netherlands, Norway, Scotland, Switzerland, Yugoslavia.	22	1	3	Alaska, Ill., Md., Mass., N. Y., Ohio, Pa.
<u>Lawana guttifascia</u> var. <u>obliqua</u> (Melichar)(Flatidae).... Aircraft	Asia (country-?).....	....	1	....	Wash.
<u>Lema bilineata</u> Germar (Chrysomelidae)..... Vitis sp. (grape)	Chile.....	1	....	....	N. Y.
<u>Lepidosaphes bladhae</u> Takahashi (Diaspididae)..... Areca catechu (betel nuts)	Guam, Saipan.....	3	....	....	Calif.
<u>Lepidosaphes bladhae</u> Takahashi (?) (Diaspididae)..... Areca catechu (betel nuts)	Philippines.....	1	....	....	Hawaii
<u>Lepidosaphes conchiformoides</u> Borchsenius (Diaspididae)..... Diospyros kaki (kaki persimmon)	Japan.....	....	7	....	Calif., Hawaii
<u>Lepidosaphes esakii</u> Takahashi (Diaspididae)..... Cocos nucifera (coconut)	Kwajalein.....	1	Hawaii

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<u>Lepidosaphes kuwacola</u> Kuwana (Diaspididae).....	Japan.....	1	Calif.
<u>Ginkgo biloba</u> (ginkgo) stem					
<u>Lepidosaphes maskelli</u> (Cockerell)(Diaspididae).....	Japan.....	....	....	2	Wash.
<u>Cryptomeria</u> sp. (plant)					
<u>Juniperus</u> sp. (plant)					
<u>Lepidosaphes pistaciae</u> Archangelskaia(?) (Diaspididae)..	Lebanon.....	1	....	....	Mass.
<u>Pistacia</u> sp. (pistache)					
<u>Lepidosaphes tokionis</u> (Kuwana)(Diaspididae).....	Hawaii, Philippines....	1	....	1	Hawaii, Wash.
<u>Codiaeum</u> sp. (croton) leaf					
<u>Lepidosaphes tubulorum</u> Ferris (Diaspididae).....	Hong Kong.....	1	....	....	Hawaii
Herb - unidentified					
<u>Leptocoris trivitattus</u> (Say)(Rhopalidae).....	Unknown.....	....	1	....	Mich.
Cargo hold (of ship)					
<u>Leptopharsa furculata</u> (Champion)(Tingidae).....	Panama.....	1	....	....	Fla.
Moss - unidentified					
<u>Leptura obliterata</u> Haldeman (Cerambycidae).....	Asia (country-?).....	....	1	....	Wash.
Aircraft					
<u>Leucania formosana</u> (Butler)(?) (Noctuidae).....	Asia (country-?).....	....	1	....	Alaska
Aircraft					
<u>Leucania yu Guenee</u> (Noctuidae).....	Asia (country-?).....	....	2	....	Wash.
Aircraft					
<u>Leucaspis loewi</u> Colvee (Diaspididae).....	Europe (country-?).....	1	....	....	Wash.
<u>Pinus</u> sp. (leaf)					
<u>Leucaspis pusilla</u> Loew (Diaspididae).....	Israel, Spain.....	2	....	....	Fla., N. Y.
<u>Pinus</u> sp. (leaf)					
<u>Leucaspis riccae</u> (Targioni-Tozzetti)(Diaspididae).....	Crete.....	1	....	....	Va.
<u>Olea europaea</u> (olive) leaf					
<u>Leucinodes orbonalis</u> Guenee (Pyraustidae).....	Ghana, India(?), Liberia, Senegal.	6	1	....	Md., N. Y.
<u>Capsicum</u> sp. (pepper)					
<u>Solanum melongena</u> (eggplant)					
<u>Lindingaspis rossi</u> (Maskell)(Diaspididae).....	Africa (country-?).....	1	....	....	N. Y.
Palm (leaf)					
<u>Lindingaspis tingi</u> McKenzie (Diaspididae).....	Philippines.....	....	....	2	Wash.
<u>Dendrobium</u> sp. (leaf)					
<u>Phalaenopsis</u> sp. (leaf)					
<u>Liocola speculifera</u> (Swartz)(Scarabaeidae).....	Asia (country-?), Japan.	....	2	....	Alaska, Calif.
Aircraft					
<u>Liogenys macropelma</u> Bates (Scarabaeidae).....	Costa Rica(?), Panama, Venezuela, Unknown.	....	58	....	Am. V.I., Fla.
Aircraft					
<u>Liogenys quadridens</u> (Fabricius)(Scarabaeidae).....	Panama.....	9	....	....	Fla.
Aircraft					
<u>Liriomyza munda</u> Frick (Agromyzidae).....	Mexico.....	3	....	....	Ariz., Tex.
<u>Cucurbita maxima</u> (squash)					
<u>Lycopersicon esculentum</u> (tomato)					
<u>Liriomyza schmidti</u> (Aldrich)(Agromyzidae).....	Colombia(?).....	....	1	....	Fla.
Aircraft					
<u>Lithraeus atronotatus</u> (Pic)(Bruchidae).....	Hawaii.....	2	....	....	Hawaii
<u>Schinus terebinthifolius</u> (Christmas-berry tree)					
<u>Lobesia botrana</u> (Schiffermuller)(Olethreutidae).....	Canary Islands, Greece, Israel, Italy, Jordan, Syria, Yugoslavia, Unknown.	26	....	....	Mass., N. Y.
<u>Vitis</u> sp. (grape)					
<u>Lobiopa insularis</u> (Castelnau)(Nitidulidae).....	Bahamas, Jamaica, Mexico, Peru, Puerto Rico	6	3	6	Ala., Calif., Fla., N. Y., P. R., Tex.
<u>Aechmea</u> sp. (plant)					
Aircraft					
Bromeliad (plant)					
<u>Malus sylvestris</u> (apple)					
<u>Mangifera indica</u> (mango)					
Orchid (plants)					
<u>Psidium guajava</u> (guava)					
<u>Terminalia catappa</u> (tropical almond)					
<u>Zea mays</u> (corn)					
<u>Lobiopa simulatrix</u> Sharp (Nitidulidae).....	Mexico.....	....	....	1	Tex.
Bromeliad (plants)					
<u>Locusta migratoria</u> Linnaeus (Acrididae).....	Vietnam.....	....	1	....	Calif.
Aircraft					
<u>Lophoptera ferrinalis</u> (Walker)(?) (Noctuidae).....	Asia (country-?).....	....	1	....	Alaska
Aircraft					
<u>Lophoptera illucida</u> (Walker)(Noctuidae).....	Japan.....	....	1	....	Calif.
Aircraft					

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN-
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Loxagrotis albicosta</i> (Smith)(Noctuidae)..... <i>Chamaedorea elegans</i> (leaf)	Mexico.....	1	....	....	Tex.
<i>Loxoblemmus equestris</i> Saussure (Gryllidae)..... Aircraft	Asia (country-?), Japan, Philippines.	....	5	....	Alaska, Calif., Wash.
<i>Lycambes varicolor</i> Stal (Coreidae)..... Orchid (plants)	Honduras.....	....	....	1	Fla.
<i>Lygocoris pabulinus</i> (Linnaeus)(Miridae)..... Aircraft	England.....	....	1	....	Del.
<i>Macaria hebesata</i> Walker (Geometridae)..... Aircraft	Vietnam(?).....	....	1	....	Hawaii
<i>Macdunnoughia confusa</i> (Stephens)(Noctuidae)..... Aircraft	Japan(?).....	....	1	....	Calif.
<i>Macropygium reticulare</i> (Fabricius)(Pentatomidae)..... Orchid (plants)	Mexico.....	....	....	1	Tex.
<i>Macrosiphum fragariae</i> (Walker)(Aphididae)..... <i>Rosa</i> sp. (cut flowers)	Norway.....	1	....	....	Wash.
<i>Macrosiphum ibarae</i> (Matsumura)(Aphididae)..... <i>Rosa</i> sp. (cut flowers)	Asia (country-?), Japan.	1	2	....	Alaska, Oreg., Wash.
<i>Macrosiphum ibarae</i> (Matsumura)(?) (Aphididae)..... <i>Rosa</i> sp. (cut flowers)	Japan.....	1	....	....	Hawaii
<i>Macrosteles fascifrons</i> (Stal)(Cicadellidae)..... Aircraft	Ecuador(?).....	....	1	....	Fla.
<i>Malacopterus tenellus</i> (Fabricius)(Cerambycidae)..... Aircraft	Panama(?).....	....	1	....	Fla.
<i>Malacorninus irregularis</i> Jacoby (Chrysomelidae)..... Bromeliad (plant)	Mexico.....	....	....	1	Calif.
<i>Maladera castanea</i> (Arrow)(Scarabaeidae)..... Aircraft	Asia (country-?), Japan.	....	2	....	Del., N. J.
<i>Mamestra brassicae</i> (Linnaeus)(Noctuidae)..... <i>Apium graveolens</i> var. <i>dulce</i> (celery) <i>Brassica campestris</i> (Chinese cabbage) <i>B. oleracea</i> var. <i>botrytis</i> (cauliflower) <i>B. oleracea</i> var. <i>capitata</i> (cabbage) <i>Lactuca sativa</i> (lettuce) Vegetables (mixed)	Belgium, England, France, Germany, Italy, Japan, Netherlands, Portugal.	1	21	....	Ala., Fla., La., Md., Mass., N. Y., Oreg., Pa., S. C., Va., Wash.
<i>Manopus biguttatus</i> Laporte (Scarabaeidae)..... Aircraft	Colombia, Panama(?)....	....	2	....	Fla.
<i>Maruca testularis</i> (Geyer)(Pyraustidae)..... Aircraft <i>Cajanus cajan</i> (pigeon peas) Fruit - unidentified <i>Phaseolus vulgaris</i> (string bean) <i>Sesbania grandiflora</i> (cut flowers) <i>Strongylodon macrobotrys</i> (jade vine)	Guam, Hawaii, India, Panama, Puerto Rico, Surinam.	34	4	....	Ala., Calif., Hawaii, Fla., Md., P. R.
<i>Matsumuraeses phaseoli</i> (Matsumura)(Olethreutidae)..... <i>Phaseolus vulgaris</i> (string bean)	Japan.....	....	6	....	Calif., Oreg.
<i>Meconema thalassinum</i> (DeGeer)(Tettigonidae)..... Aircraft	England.....	....	1	....	N. Y.
<i>Mecopoda elongata</i> (Linnaeus)(Tettigoniidae)..... Aircraft Cargo	Asia (country-?), Japan, Philippines.	1	7	....	Alaska, Calif., Del., Hawaii, Wash.
<i>Megacerus impiger</i> (Horn)(Bruchidae)..... <i>Cucumis melo</i> (melon) Debris (grain residue) <i>Sorghum bicolor</i> (seed)	Mexico.....	3	....	....	Tex.
<i>Megalonotus nitidicollis</i> Puton (?) (Lygaeidae)..... Aircraft	Japan(?).....	....	1	....	Calif.
<i>Megamelus longicornis</i> (Dozier)(Delphacidae)..... <i>Chamaedorea</i> sp. (leaf)	Guatemala.....	1	....	....	La.
<i>Megastigmus borriesi</i> Crosby (Torymidae)..... <i>Abies vietchii</i> (seed)	Japan.....	....	....	2	N. J.
<i>Megastigmus chamaecyparidis</i> Kamiyo (Torymidae)..... <i>Chamaecyparis</i> sp. (seed)	Formosa.....	....	....	2	N. J.
<i>Megastigmus cryptomeriae</i> Yano (Torymidae)..... <i>Cryptomeria japonica</i> (seed)	Italy, Japan.....	....	....	5	N. J.
<i>Megastigmus pistaciae</i> Walker (Torymidae)..... <i>Pistacia</i> sp. (pistache)	Italy, Turkey.....	2	....	....	N. Y., Pa.
<i>Megastigmus strobilobius</i> Ratzeburg (Torymidae)..... <i>Picea abies</i> (seed) <i>P. alba</i> (seed) <i>P. excelsa</i> (seed)	Austria, Denmark, Germany, Italy.	8	N. J.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Megastigmus suspectus</u> Borries (Torymidae)..... Abies pectinata (seed)	Austria.....	....	....	1	N. J.
<u>Megastigmus suspectus pinsapinis</u> Hoffmeyer (Torymidae). Abies pinsapo (seed)	Italy.....	....	....	1	N. J.
<u>Melanaethus spinolai</u> (Signoret)(Cydnidae)..... Aircraft Cucumis melo (melon) Orchid (plants)	Dominican Republic, Panama.	1	1	1	Fla.
<u>Melanagromyza viridis</u> (Frost)(Agromyzidae)..... Herb - unidentified	Mexico.....	1	....	....	Tex.
<u>Melanaspis aliena</u> (Newstead)(Diaspididae)..... Orchid (plant)	El Salvador, Guatemala, Honduras, Mexico.	....	....	7	Fla., Tex.
<u>Melanaspis bromeliae</u> (Leonardi)(Diaspididae)..... Ananas comosus (pineapple)	Costa Rica.....	1	....	....	Wash.
<u>Melanaspis paulista</u> (Hempel)(Diaspididae)..... Laurus sp. (leaf)	Brazil.....	1	....	....	Calif.
<u>Melanocoryphus admirabilis</u> (Uhler)(Lygaeidae)..... Orchid (plants)	Honduras, Mexico.....	....	....	2	Fla., Tex.
<u>Melanocoryphus circumplicatus</u> (Distant)(Lygaeidae)..... Orchid (plants)	Mexico.....	1	....	....	Tex.
<u>Melanoplus sanguinipes</u> (Fabricius)(Acrididae)..... Aircraft	Asia (country-?), Japan.	....	2	....	Alaska, Calif.
<u>Meligethes aeneus</u> Fabricius (Nitidulidae)..... Brassica oleracea var. botrytis (cauliflower) Flowers (mixed) Seed - unidentified	England, Germany, Norway.	2	1	....	N. Y., Pa.
<u>Meligethes serripes</u> Gyllenhal (Nitidulidae)..... Solanum pseudocapsicum (Jerusalem cherry)	Jamaica.....	1	....	....	N. Y.
<u>Meligethes subrugosus</u> Gyllenhal (Nitidulidae)..... Flowers (mixed)	Germany.....	1	....	....	N. Y.
<u>Melipotis acontiolides</u> (Guenee)(Noctuidae)..... Aircraft	Asia (country-?), Nicaragua.	....	2	....	Alaska, Fla.
<u>Melipotis fasciolaris</u> (Hubner)(Noctuidae)..... Cucumis melo (melon)	Mexico.....	1	....	....	Tex.
<u>Melolontha japonica</u> Burmeister (Scarabaeidae)..... Aircraft	Asia (country-?), Japan.	....	2	....	Alaska, Calif.
<u>Melolontha melolontha</u> (Linnaeus)(Scarabaeidae)..... Aircraft Cargo	France.....	18	2	....	La., N. Y., Ohio
<u>Merobruchus major</u> (Fall)(Bruchidae)..... Orchid (plant)	Mexico.....	....	....	1	Tex.
<u>Mesoneura opaca</u> (Fabricius)(Tenthredinidae)..... Aircraft	Germany.....	1	....	....	Del.
<u>Metaleurodicus manni</u> Baker (Aleyrodidae)..... Rhododendron sp. (leaf)	Guatemala.....	....	....	1	Fla.
<u>Metamasius hemipterus hemipterus</u> (Linnaeus) (Curculionidae)..... Aircraft	Unknown.....	....	1	....	Am. V. I.
<u>Metamasius hemipterus sericeus</u> (Olivier) (Curculionidae)..... Musa sp. (plantain)	Costa Rica, Guatemala..	3	....	....	Fla., Pa.
<u>Metamasius sericeus carbonarius</u> Chevrolat (Curculionidae)..... Orchid (plants)	Mexico.....	....	....	1	Tex.
<u>Metioche vittaticollis</u> (Stal)(Gryllidae)..... Mail	Hawaii.....	1	....	....	Hawaii
<u>Metopoplax ditomoides</u> (Costa)(Lygaeidae)..... Cargo	Spain.....	1	....	....	Mass.
<u>Metriona tristignata</u> Boheman (?) (Chrysomelidae)..... Chamaedorea sp. (leaf)	Mexico.....	1	....	....	Tex.
<u>Microcentrum triangulatum</u> (Brunner)(Tettigonidae)..... Camellia sp. (leaf)	Tortola.....	1	....	....	Am. V. I.
<u>Microlarinus lareynii</u> (Jacquelin-Duval) (Curculionidae)..... Automobile	Mexico.....	....	1	....	Calif.
<u>Microporus obliquus</u> Uhler (Cydnidae)..... Baggage	Mexico.....	1	Tex.
<u>Mimela holosericea</u> (Fabricius)(?) (Scarabaeidae)..... Aircraft	Japan.....	1	Del.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN-
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Mimela splendens</u> Gyllenhal (Scarabaeidae)..... Aircraft Baggage	Asia (country-?), Korea.	1	1	....	Wash.
<u>Mimosstes dominicanus</u> (Jekel)(Bruchidae)..... <u>Acacia farnesiana</u> (seed pods) <u>Caesalpinia coriaria</u> (dividivi) seed <u>Tamarindus indica</u> (tamarind)	Dominican Republic, Guatemala, Mexico.	2	....	1	Md., N. Y., Tex.
<u>Minthea rugicollis</u> (Walker)(Lyctidae)..... <u>Bambusa</u> sp. (bamboo) Wood (crates)	Asia (country-?), Ceylon, China, Formosa, India, Philippines, Vietnam, Zanzibar.	10	....	....	Calif., Fla., Md., N. J., Oreg., Tex., Va., Wash.
<u>Mocis frugalis</u> (Fabricius)(Noctuidae)..... Aircraft	Asia (country-?), Japan, Philippines.	....	4	....	Alaska, Calif., Wash.
<u>Mocis undata</u> (Fabricius)(Noctuidae)..... Aircraft	Asia (country-?), Japan, Thailand, Vietnam.	....	7	....	Alaska, Calif., Wash.
<u>Modicogryllus confirmatus</u> (Walker)(Gryllidae)..... Aircraft Cargo	Asia (country-?), Japan, Midway(?), Okinawa, Philippines, Vietnam, Wake Island.	7	26	....	Alaska, Calif., Del., Hawaii, Wash.
<u>Modicogryllus conspersus</u> (Schaum)(Gryllidae)..... Aircraft	West Pacific.....	....	1	....	Calif.
<u>Modicogryllus siamensis</u> Chopard (Gryllidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Moodna bisinuella</u> Hampson (Phycitidae)..... <u>Zea mays</u> (corn)	Mexico.....	1	....	....	Tex.
<u>Moneilema ulkei</u> LeConte (Cerambycidae)..... Cactus (plants)	Mexico.....	....	....	1	Tex.
<u>Monochamus tesorula</u> White (Cerambycidae)..... Cargo hold (of ship)	Unknown.....	....	1	....	Ohio
<u>Morganella longispina</u> (Morgan)(Diaspididae)..... <u>Citrus grandis</u> (pummelo) <u>C. reticulata</u> cv. (cultivar orange) <u>C. sinensis</u> (sweet orange)	Fiji(?), Hong Kong, Japan, Tahiti, New Zealand, Unknown.	5	22	....	Calif.
<u>Multareoides planifrons</u> (Van Duzee)(Membracidae)..... <u>Bouteloua</u> sp. (grama grass)	Mexico.....	1	....	....	Tex.
<u>Mussidia nigrivenella</u> Ragonot (Phycitidae)..... <u>Afzelia africana</u> (seed)	Africa (country-?).....	1	....	....	Md.
<u>Mycetaspis personata</u> (Comstock)(Diaspididae)..... <u>Citrus aurantifolia</u> (lime) <u>C. paradisi</u> (grapefruit) <u>C. sinensis</u> (sweet orange) <u>Mangifera indica</u> (mango)	Brazil, British Honduras, Jamaica, Mexico, South America (country-?), Unknown.	3	5	....	Calif., Mich., N. Y.
<u>Naphius apicalis</u> (Dallas)(Lygaeidae)..... <u>Vitis</u> sp. (grape)	South Africa.....	1	....	....	N. Y.
<u>Naranga aenescens</u> Moore (Noctuidae)..... Aircraft	Japan.....	....	2	....	Wash.
<u>Naranga aenescens</u> Moore (?) (Noctuidae)..... Aircraft	Japan.....	....	1	....	Calif.
<u>Nasutitermes costalis</u> (Holmgren)(Termitidae)..... Mail Orchid (plants)	Grenada, Puerto Rico...	1	....	1	Fla., P. R.
<u>Nasutitermes ephratae</u> (Holmgren)(Termitidae)..... Bromeliad (plants) Orchid (plants)	Guatemala, Honduras....	....	....	2	Fla.
<u>Nasutitermes nigriceps</u> (Haldeman)(Termitidae)..... Bromeliad (plants)	British Honduras.....	....	....	1	Ariz.
<u>Nasutitermes rippertii</u> (Rambur)(Termitidae)..... Wood	Bahamas.....	1	....	....	Fla.
<u>Nathrius brevipennis</u> (Mulsant)(Cerambycidae)..... Cargo	Spain.....	1	....	....	Tex.
<u>Naupactus xanthographus</u> (Germar)(Curculionidae)..... <u>Vitis</u> sp. (grape)	Argentina.....	1	....	....	N. Y.
<u>Negosiana miliaris</u> (Stal)(Cicadellidae)..... Aircraft <u>Mentha</u> sp. (mint plant)	Ecuador, Mexico.....	1	1	Fla., Tex.
<u>Nemobius sylvestris</u> (Bosc)(Gryllidae)..... Baggage	Europe (country-?).....	1	N. Y.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Neoconocephalus triops</u> (Linnaeus)(Tettigoniidae)..... Aircraft Baggage Mail	Asia (country-?), Cuba, Dominican Republic, Japan, Panama, Venezuela, Unknown.	2	13	....	Alaska, Calif., Fla., N. Y., P. R., Tex.
<u>Neoleucinodes elegantalis</u> (Guenee)(Pyraustidae)..... Lycopersicon esculentum (tomato) Solanum pseudo-capsicum (Jerusalem cherry) S. quitoense (naranjillas)	Aruba, Bolivia, Colombia, Ecuador, Jamaica.	8	1	....	Fla., N. Y.
<u>Neophyllaphis araucariae</u> Takahashi (Aphididae)..... Araucaria excelsa (Norfolk Island pine)	Hawaii.....	13	....	....	Hawaii
<u>Neotermes castaneus</u> (Burmeister)(?) (Kalotermitidae).... Wood	Bahamas.....	....	....	1	Fla.
<u>Nephotettix apicalis</u> (Motschulsky)(Cicadellidae)..... Aircraft Cargo	Asia (country-?), Japan, Okinawa(?), Thailand, Vietnam.	9	8	....	Alaska, Calif., Del., Wash.
<u>Nephotettix cincticeps</u> (Uhler)(Cicadellidae)..... Aircraft Cargo	Asia (country-?), Vietnam.	1	6	....	Alaska, Del., Wash.
<u>Nephotettix impicticeps</u> Ishihara (Cicadellidae)..... Aircraft Cargo Mail	Asia (country-?), Hong Kong, Japan, Midway, Philippines, Thailand.	2	19	....	Alaska, Calif., Hawaii, Tex., Wash.
<u>Niesthrea sidae</u> (Fabricius)(Rhopalidae)..... Bromeliad (plants) Orchid (plants)	Mexico.....	....	....	2	Tex.
<u>Milaparvata lugens</u> (Stal)(Delphacidae)..... Aircraft	Asia (country-?), Formosa, Japan, Midway, Vietnam, Okinawa, Philippines...	....	9	....	Calif., Del., Wash.
<u>Nipaeococcus vastator</u> (Maskell)(Pseudococcidae)..... Annona sp. (fruit) Punica granatum (pomegranate)	Asia (country-?), Okinawa(?), Vietnam.	2	....	....	Calif., Wash.
<u>Nisia atroventrosa</u> (Lethierry)(Meenoplidae)..... Aircraft	Colombia(?), Dominican Republic, Mexico, Unknown.	....	9	....	Del., Wash.
<u>Noropsis hieroglyphica</u> (Cramer)(Noctuidae)..... Aircraft Baggage Persea americana (avocado)	Japan(?).....	2	3	....	Fla., Md., P. R., Tex.
<u>Nothris sabinella</u> (Zeller)(?) (Gelechiidae)..... Rhus trilobata (sumac)	Mexico.....	1	....	....	Calif.
<u>Notobitus meleagris</u> (Fabricius)(Coreidae)..... Aircraft	Ecuador, Mexico.....	....	1	....	Wash.
<u>Nysius basalis</u> Dallas (Lygaeidae)..... Bromeliad (plants) Chrysanthemum sp. (cut flowers)	Hawaii.....	1	....	1	Fla.
<u>Nysius caledoniae</u> Distant (Lygaeidae)..... Vanda joaquim (cut flowers)	Italy.....	1	....	....	Ill.
<u>Nysius graminicolus</u> (Kolenati)(Lygaeidae)..... Anthemis nobilis (camomile)	Hawaii.....	2	....	....	Hawaii
<u>Nysius kinbergi</u> Usinger (Lygaeidae)..... Vanda joaquim (cut flowers)	Japan.....	....	1	....	Hawaii
<u>Ochropleura triangularis</u> Moore (Noctuidae)..... Aircraft	Mexico.....	....	....	2	Tex.
<u>Ochrostomus poeyi</u> (Guerin-Meneville)(Lygaeidae)..... Cactus (plants)	Mexico.....	1	....	....	Ill.
<u>Oecanthus argentinus</u> Saussure (Gryllidae)..... Punica granatum (pomegranate)	Vietnam.....	....	1	....	Wash.
<u>Ophiusa indiscriminata</u> (Hampson)(Noctuidae)..... Aircraft	Jamaica, Unknown.....	2	....	....	N. Y., Va.
<u>Opogona sacchari</u> (Bojer)(Tineidae)..... Saccharum officinarum (sugarcane) Strelitzia reginae (bird-of-paradise)	Mexico.....	....	....	1	Tex.
<u>Opuntiaspis philococcus</u> (Cockerell)(Diaspididae)..... Cactus	Japan.....	....	1	....	Wash.
<u>Oraesia emarginata</u> Fabricius (Noctuidae)..... Aircraft	Australia.....	1	1	....	Calif., Hawaii
<u>Orchamoplatus citri</u> (Takahashi)(Aleyrodidae)..... Citrus limon (lemon) leaf Citrus sp. (leaf)					

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Orchidophilus aterrimus</i> (Waterhouse)(Curculionidae).... Dendrobium sp. (cut flowers) Vanda sp. (cut flowers)	Hawaii.....	2	....	....	Hawaii
<i>Orsillus maculatus</i> (Fieber)(Lygaeidae)..... Cupressus sp. (cypress cones)	France.....	1	....	....	N. Y.
<i>Orthezia praelonga</i> Douglas (Ortheziidae)..... Acacia sp. (leaf)	Curacao.....	....	....	1	Fla.
<i>Orthezia pseudinsignis</i> Morrison (Ortheziidae)..... Mentha sp. (mint plants)	Mexico.....	....	....	1	Calif.
<i>Orthogramma copryi</i> Guenee (Noctuidae)..... Aircraft	Panama.....	....	1	....	Fla.
<i>Orthotomicus erosus</i> (Wollaston)(Scolytidae)..... Wood (bark)	France(?), Italy, Portugal.	11	....	....	Fla., La., Md., Mass., N. Y.
<i>Ostrinia nubilalis</i> (Hubner)(Pyraustidae)..... Capsicum sp. (pepper) Citrus sinensis (sweet orange) Diospyros kaki (kaki persimmon) Lycopersicon esculentum (tomato) Phaseolus vulgaris (beans) Solanum melongena (eggplant) Zea mays (corn)	France, Hungary, Italy, Japan, Netherlands(?), Switzerland.	7	10	....	Calif., Mass., N. Y., Oreg., Va., Wash.
<i>Oulema melanopus</i> (Linnaeus)(Chrysomelidae)..... Brassica oleracea var. capitata (cabbage)	Italy.....	....	1	....	N. Y.
<i>Oxyblepta limbatipennis</i> Stal (Acrididae)..... Orchid (plants)	Panama.....	....	....	1	Fla.
<i>Oxycarenus hyalinipennis</i> (Costa)(Lygaeidae)..... Anthemis nobilis (camomile)	Italy.....	1	....	....	Ill.
<i>Oxycarenus maculatus</i> Stal (Lygaeidae)..... Flowers (mixed)	South Africa.....	2	....	....	Mass.
<i>Oxycetonia jacunda</i> Faldermann (Scarabaeidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<i>Oxydema fusiforme</i> Wollaston (Curculionidae)..... Alpinia purpurata (cut flowers) Carica papaya (papaya) Flowers (mixed)	Hawaii.....	3	....	....	Hawaii
<i>Oxygrilus ruginasus</i> (LeConte)(Scarabaeidae)..... Automobile Baggage Railroad car	Mexico.....	4	....	....	Ariz., Tex.
<i>Oxyodes scrobiculata</i> (Fabricius)(Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Wash.
<i>Ozophora picturata</i> Uhler (Lygaeidae)..... Phaseolus sp. (bean) Tillandsia sp. (plants)	Mexico.....	1	....	1	Calif., Tex.
<i>Pachybrachius basalis</i> (Dallas)(Lygaeidae)..... Baggage	Mexico.....	1	....	....	Tex.
<i>Pachybrachius intermedius</i> (Barber)(Lygaeidae)..... Orchid (plants)	Cayman Islands.....	....	....	1	Fla.
<i>Pachybrachius nietneri</i> (Dohrn)(Lygaeidae)..... Aircraft	Asia (country-?), Japan.	....	4	....	Alaska, Calif.
<i>Pachybrachius nietneri</i> (Dohrn)(?) (Lygaeidae)..... Aircraft	Asia (country-?).....	....	1	....	Calif.
<i>Pagiocerus frontalis</i> (Fabricius)(Scolytidae)..... Persea americana (avocado) Zea mays (corn)	Colombia, Ecuador, Peru.	8	....	....	Fla., N. Y., P. R.
<i>Palaeopus costicollis</i> Marshall (Curculionidae)..... Dioscorea sp. (yam)	Jamaica.....	1	....	....	Fla.
<i>Palmaricoccus attaleae</i> Stickney (Phoenicoccidae)..... Palm (plants)	Mexico.....	....	....	1	Calif.
<i>Palmicultor palmarum</i> (Ehrhorn)(Pseudococcidae)..... Cocos nucifera (coconut)	Hawaii.....	7	....	....	Calif., Hawaii
<i>Palpita unionalis</i> (Hubner)(Pyraustidae)..... Jasminum sambac (cut flowers)	Philippines, Thailand, Vietnam.	2	1	....	Calif., Hawaii, Wash.
<i>Pangrapta ingrata</i> (Leech)(Noctuidae)..... Aircraft	Unknown.....	....	1	....	Calif.
<i>Pantylidia metaspila</i> (Walker)(Noctuidae)..... Aircraft	Asia (country-?).....	1	Alaska
<i>Panula scinodens</i> (Walker)(Noctuidae)..... Aircraft	Unknown.....	1	Am. V. I.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Parabucrates clausus</u> (Scudder)(Tettigonidae)..... Aircraft	El Salvador.....	1	Fla.
<u>Paracoccus ferrisi</u> Ezzat & McConnell (Pseudococcidae).. <u>Punica granatum</u> (pomegranate)	Mexico.....	1	....	....	Tex.
<u>Parallelia algira</u> (Linnaeus)(?) (Noctuidae)..... Aircraft	Philippines.....	....	1	....	Calif.
<u>Parallelia fulvotaenia</u> Guenee (Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Hawaii
<u>Parallelia palumba</u> (Guenee)(Noctuidae)..... Aircraft	Japan.....	....	1	....	Calif.
<u>Parallelia stuposa</u> (Fabricius)(Noctuidae)..... Aircraft	Japan.....	....	2	....	Calif.
<u>Parallelodiplosis cattleyae</u> (Molliard)(Cecidomyiidae).. Orchid (plants)	Guatemala.....	....	....	3	Fla.
<u>Paraluperodes suturalis</u> (Motschulsky)(Chrysomelidae)... Aircraft	Asia (country-?), Philippines.	....	4	....	Del., Wash.
<u>Paraphlepsius irroratus</u> (Say)(Cicadellidae)..... Aircraft	Bahamas(?).....	....	1	....	Fla.
<u>Paraphlepsius isidus</u> DeLong (Cicadellidae)..... Aircraft	Panama(?).....	....	1	....	Fla.
<u>Paraulacizes irrorata</u> (Fabricius)(Cicadellidae)..... Aircraft	Unknown.....	....	1	....	Fla.
<u>Parlatoria cinerea</u> Doane & Hadden (Diaspididae)..... <u>Citrus aurantifolia</u> (lime) <u>C. grandis</u> (pummelo) <u>C. limon</u> (lemon) <u>C. paradisi</u> (grapefruit) <u>C. reticulata</u> cv. (cultivar orange) <u>C. sinensis</u> (sweet orange)	Brazil, Ecuador, El Salvador, France, Formosa, Honduras, Hong Kong, Mexico, New Zealand, Peru, Spain, Tahiti, Trinidad.	13	40	....	Calif., N. Y., Oreg., Tex.
<u>Parlatoria zizyphus</u> (Lucas)(Diaspididae)..... <u>Citrus aurantifolia</u> (lime) <u>C. grandis</u> (pummelo) <u>C. limon</u> (lemon) <u>C. paradisi</u> (grapefruit) <u>C. reticulata</u> cv. (cultivar orange) <u>C. sinensis</u> (sweet orange) <u>Citrus</u> sp. (fruit, leaf & peel)	Asia (country-?), Australia(?), Colombia, Formosa, France, Guinea, Greece, Haiti, Hawaii, Hong Kong, India, Israel, Italy, Jamaica, Japan, Malta, Morocco, Okinawa, Philippines, Spain, Sudan, Thailand, Tunisia, Vietnam, Unknown.	117	88	....	Ala., Alaska, Am. V.I., Calif., D. C., Fla., Hawaii, Ill., Md., Mass., Mich., N. C., N. Y., P. R., Va., Wash.
<u>Parobius globulus</u> White (Anobiidae)..... <u>Cocos nucifera</u> (coconut)	Jamaica.....	1	....	....	Va.
<u>Paroecanthus annulatus</u> (Scudder)(Gryllidae)..... Aircraft	Nicaragua.....	....	1	....	Fla.
<u>Patanga succincta</u> (Johannson)(Acrididae)..... Aircraft	West Pacific.....	....	1	....	Hawaii
<u>Paulinia acuminata</u> (DeGeer)(Acrididae)..... Aircraft	Venezuela.....	....	3	....	Fla.
<u>Paurotarsus ruficornis</u> (Walker)(Tetrigidae)..... <u>Echinodorus</u> sp. (plant)	Peru.....	....	....	1	Fla.
<u>Pealius hibisci</u> (Kotinsky)(Aleyrodidae)..... <u>Gardenia jasminoides</u> (leaf)	Hawaii.....	7	....	....	Hawaii
<u>Pectinophora gossypiella</u> (Saunders)(Gelechiidae)..... <u>Gossypium hirsutum</u> (upland cotton) <u>Gossypium</u> sp. (cotton) <u>Hibiscus esculentus</u> (okra)	Africa (country-?), American Virgin Islands, Barbados, Brazil, Dominican Republic, Haiti, Hawaii, India, Italy(?), Jamaica, Mexico, Unknown.	56	1	....	Am. V.I., Calif., Fla., Hawaii, Ill., N. Y., Pa., P. R., Tex.
<u>Periphyllus testudinatus</u> (Ferne)(Aphididae)..... <u>Acer</u> sp. (leaf)	France.....	....	1	....	Mass.
<u>Petrusa epilepsis</u> (Kirkaldy)(Flatidae)..... <u>Ixora</u> sp. (leaf)	Puerto Rico.....	....	....	1	Fla.
<u>Phaedon armoraciae</u> Linnaeus (Chrysomelidae)..... Cargo	Italy.....	1	....	....	Fla.
<u>Phaeoses sabinella</u> Forbes (Oinophilidae)..... <u>Chamaedorea</u> sp. (palm fronds)	Mexico.....	1	....	....	Tex.

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Phaloe cruenta</u> (Hubner)(Pericopidae)..... Aircraft	Venezuela(?).....	....	1	....	Fla.
<u>Phalonia leguminana</u> Busck (Phaloniidae)..... <u>Acacia farnesiana</u> (sweet acacia)	Mexico.....	1	....	....	Tex.
<u>Phalonia pimana</u> Busck (Phaloniidae)..... Agave sp. (seed pods)	Mexico.....	....	....	1	Ariz.
<u>Phaneroptera falcata</u> (Poda)(Tettigoniidae)..... Aircraft	Japan.....	....	1	....	Wash.
<u>Phaneroptera furcifera</u> Stal (Tettigoniidae)..... Aircraft Baggage	Asia (country-?), Hawaii, West Pacific.	1	10	....	Alaska, Hawaii, Wash.
<u>Pheidole megacephala</u> (Fabricius)(Formicidae)..... Aircraft	Australia, British Honduras, Costa Rica, Guam, Formosa, Hawaii, Honduras, Japan(?), Martinique, Philippines, St. Kitts, Samoa.	10	2	9	Am. V.I., Fla., Hawaii, N. Y.
<u>Alpinia purpurata</u> (cut flowers) Baggage Bromeliad (plants) Cargo <u>Carica papaya</u> (papaya) <u>Codiaeum</u> sp. (leaf) <u>Coix</u> sp. (seed) Flowers (mixed) <u>Lansium domesticum</u> (langsat) Orchid (plants) Palm (plant) <u>Platyserium</u> sp. (plant) Soil					
<u>Pheidole punctatissima</u> Mayr (Formicidae)..... Bromeliad (plants) Musa sp. (fruit)	Mexico.....	1	....	1	Ariz., Calif.
<u>Phelomerus aberrans</u> (Sharp)(Bruchidae)..... Cassia fistula (seed)	Panama.....	....	....	1	Tex.
<u>Phaleoba infumata</u> Brunner (Acrididae)..... Cargo	Hong Kong.....	1	....	....	Hawaii
<u>Phlegetonia delatrix</u> Guenee (Noctuidae)..... Aircraft	Guam(?).....	....	1	....	Hawaii
<u>Phloeosinus rudis</u> Blandford (Scolytidae)..... Dunnage	Japan.....	2	....	....	Calif., Ohio
<u>Phloeotribus scarabaeoides</u> (Bernard)(Scolytidae)..... Olea sp. (stem & wood)	Greece, Israel.....	1	....	1	N. J., Wash.
<u>Phlyctaenia tyres</u> (Cramer)(Pyraustidae)..... Aircraft	Unknown.....	....	1	....	S. C.
<u>Phyllophaga bruneri</u> Chapin (Scarabaeidae)..... Orchid (plants) Quarters (of ship)	Jamaica(?), Mexico(?)..	....	1	1	Fla.
<u>Phyllophaga portoricensis</u> Smyth (Scarabaeidae)..... Ananas comosus (pineapple)	Puerto Rico.....	1	....	....	P. R.
<u>Physopelta slanbuschii</u> (Fabricius)(Largidae)..... Aircraft	Asia (country-?).....	....	1	....	N. Y.
<u>Phytomyza rufipes</u> Meigen (Agromyzidae)..... Brassica oleracea var. botrytis (cauliflower) B. oleracea var. capitata (cabbage)	England, Germany, Netherlands.	....	6	....	Pa.
<u>Pieris brassicae</u> (Linnaeus)(Pieridae)..... Brassica oleracea var. capitata (cabbage) B. rapa (turnip) Cargo Wood (crate)	France, Greece, Italy, Portugal, Spain, Turkey.	6	2	....	Del., La., N. Y., P. R., S. C.
<u>Pineus harukawai</u> Inouye (Phylloxeridae)..... Pinus sp. (stem)	Japan.....	....	....	1	Wash.
<u>Pinnaspis uniloba</u> (Kuwana)(Diaspididae)..... Eurya sp. (leaf) Plant - unidentified	Japan.....	....	4	....	Oreg.
<u>Pityogenes chalcographus</u> (Linnaeus)(Scolytidae)..... Dunnage Wood (bark)	Europe (country-?), Norway, Sweden.	13	....	....	Fla., Pa.
<u>Pityogenes quadridens</u> (Hartig)(Scolytidae)..... Wood (crates)	Sweden.....	1	....	....	Fla.
<u>Pityophthorus pulicarius</u> (Zimmermann)(Scolytidae)..... Cargo	Spain.....	1	....	....	La.
<u>Plagionotus arcuatus</u> (Linnaeus)(Cerambycidae)..... Cargo hold (of ship) Dunnage	Europe (country-?), Unknown.	2	Fla., N. Y.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Planococcus dorsospinosus</u> Ezzat & McConnell (Pseudococcidae).....	Hong Kong.....	1	....	....	Wash.
<u>Litchi chinensis</u> (lychee)					
<u>Planococcus kraunhiae</u> (Kuwana)(Pseudococcidae).....	Japan.....	....	2	....	Calif., Wash.
<u>Citrus</u> sp. (fruit)					
<u>Diospyros kaki</u> (kaki persimmon)					
<u>Planococcus lilacinus</u> (Cockerell)(Pseudococcidae).....	Guam, Philippines.....	17	1	....	Calif., Hawaii, Wash.
<u>Alpinia purpurata</u> (cut flowers)					
<u>Annona reticulata</u> (custard-apple)					
<u>A. squamosa</u> (sweetsop)					
<u>Garcinia mangostana</u> (mangosteen)					
<u>Lansium domesticum</u> (langsat)					
<u>Tamarindus indica</u> (tamarind pod)					
<u>Vanda joaquin</u> (cut flowers)					
<u>Planotortrix excessana</u> (Walker)(Tortricidae).....	New Zealand.....	1	....	....	Calif.
<u>Malus sylvestris</u> (apple)					
<u>Platypleura kaempferi</u> (Fabricius)(Cicadidae).....	Japan.....	....	1	....	Alaska
Aircraft					
<u>Platypleura nobilis</u> (Germar)(Cicadidae).....	Asia (country-?).....	....	1	....	Alaska
Aircraft					
<u>Platypus rugulosus</u> Chapuis (Platypodidae).....	Brazil, Costa Rica, Formosa.	3	....	....	Calif., Fla., N. C.
Wood (bark)					
<u>Platysenta illecta</u> (Walker)(Noctuidae).....	Asia (country-?).....	....	1	....	Wash.
Aircraft					
<u>Plautia crossota</u> (Dallas)(Pentatomidae).....	Asia (country-?), Japan, Vietnam.	....	7	....	Alaska, Calif., Hawaii, Wash.
Aircraft					
<u>Plebeigryllus guttiventris</u> (Walker)(Gryllidae).....	Asia (country-?), India, Japan, Okinawa, Philippines, Thailand, Vietnam, West Pacific, Unknown.	80	13	....	Alaska, Calif., Del., Hawaii, N. Y., Pa., S. C., Wash.
Aircraft					
Cargo					
Cargo hold (of ship)					
<u>Plecia nearctica</u> Hardy (Bibionidae).....	Bahamas(?).....	....	1	....	Fla.
Aircraft					
<u>Plectria pavida</u> (Burmeister)(Scarabaeidae).....	Colombia.....	1	....	....	Fla.
Cargo					
<u>Plectrodera scalator</u> (Fabricius)(Cerambycidae).....	Mexico.....	1	....	....	Tex.
Automobile					
<u>Plemeliella abietina</u> (Seitner)(Cecidomyiidae).....	Austria, Denmark; Finland, Germany, Italy.	....	....	16	N. J.
<u>Picea abies</u>					
<u>P. alba</u> (seed)					
<u>P. excelsa</u> (seed)					
<u>P. sitchensis</u> (seed)					
<u>Picea</u> sp. (seed)					
<u>Plectrichophorus glandulosus</u> (Kaltenbach)(Aphididae)...	Asia (country-?).....	1	....	....	Alaska
<u>Chrysanthemum</u> sp. (cut flowers)					
<u>Podisus maculventris</u> (Say)(Pentatomidae).....	Mexico.....	1	....	....	Ariz., Tex.
<u>Chrysanthemum</u> sp. (cut flowers)					
<u>Polia consanguis</u> Guenee (Noctuidae).....	Japan.....	....	1	....	Alaska
Aircraft					
<u>Polydesma terminigera</u> Walker (Noctuidae).....	Asia (country-?).....	....	1	....	Wash.
Aircraft					
<u>Polydesma umbricola</u> Boisduval (Noctuidae).....	Asia (country-?), Japan.	....	4	....	Calif., Wash.
Aircraft					
<u>Ponometia costalis</u> (Walker)(Noctuidae).....	Panama.....	....	1	....	Fla.
Aircraft					
<u>Popillia japonica</u> Newman (Scarabaeidae).....	Asia (country-?), Japan, Okinawa(?), Unknown.	3	41	....	Alaska, Calif., Del., Hawaii, N. Y., S. C., Tex., Wash.
Aircraft					
Automobile					
Cargo					
<u>Popillia lewisi</u> Arrow (Scarabaeidae).....	Asia (country-?), Japan, Okinawa, West Pacific, Unknown.	....	47	....	Alaska, Calif., Del., Fla., Hawaii, S. C., Wash.
Aircraft					
<u>Potosia exasperata</u> Fairmaire (Scarabaeidae).....	Asia (country-?).....	....	1	....	Alaska
Aircraft					
<u>Prays oleola</u> (Fabricius)(Yponomeutidae).....	Greece, Italy, Lebanon.	10	....	....	Mass., N. Y.
<u>Olea europaea</u> (olive)					
<u>Pria antennata</u> Grouvelle (Nitidulidae).....	South Africa.....	....	....	1	Pa.
<u>Protea</u> sp. (cut flowers)					
<u>Prodenia latifascia</u> (Walker)(Noctuidae).....	Panama.....	1	Fla.
Aircraft					

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Prodenia sunia</u> (Cramer)(Noctuidae)..... Aircraft	Venezuela.....	....	1	....	Fla.
<u>Prokelisia setigera</u> Osborn (Delphacidae)..... Aircraft	Unknown.....	....	1	....	Am. V.I.
<u>Prostephanus truncatus</u> (Horn)(Bostrichidae)..... <u>Sorghum</u> sp. (seed)	Mexico.....	1	....	....	Tex.
<u>Protaetia acuminata</u> (Fabricius)(Scarabaeidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Protaetia fusca</u> (Herbst)(Scarabaeidae)..... Aircraft	Asia (country-?), Hawaii, Japan(?), Midway, Thailand.	5	3	....	Alaska, Calif., Hawaii
<u>Alpinia purpurata</u> (cut flowers) <u>Ananas comosus</u> (pineapple) Baggage <u>Vanda</u> sp. (cut flowers)					
<u>Protaetia orientalis</u> Gory & Percheron (Scarabaeidae)... Aircraft	Japan.....	....	1	....	Wash.
<u>Protalebrella brasiliensis</u> (Baker)(Cicadellidae)..... Aircraft	Bahamas(?).....	....	1	....	Fla.
<u>Protopulvinaria longivalvata</u> Green (Coccidae)..... <u>Eugenia</u> sp. (fruit) <u>Gardenia</u> sp. (cut flowers)	Guatemala, Jamaica.....	1	....	1	Fla.
<u>Pseudaletia separata</u> (Walker)(Noctuidae)..... Aircraft	Vietnam.....	....	1	....	Wash.
<u>Pseudaulacaspis achaetus</u> (Bagnall)(Thripidae)..... <u>Verticordia</u> sp. (cut flowers)	Australia.....	1	....	....	Hawaii
<u>Pseudaonidia trilobitiformis</u> (Green)(Diaspididae)..... <u>Citrus aurantifolia</u> (lime) <u>C. grandis</u> (pummelo) <u>C. limon</u> (lemon) <u>Citrus</u> sp. (fruit) <u>Mangifera indica</u> (mango)	Brazil, El Salvador, Japan, Philippines, Tahiti.	6	4	....	Calif., Wash.
<u>Pseudaulacaspis major</u> (Cockerell)(Diaspididae)..... <u>Litchi chinensis</u> (lychee)	Hawaii.....	1	....	....	Calif.
<u>Pseudopachymerina spinipes</u> (Erichson)(Bruchidae)..... <u>Acacia</u> sp. (seed)	Dominican Republic, Greece.	1	....	1	N. Y.
<u>Pseudopiusia includens</u> (Walker)(Noctuidae)..... Quarters (of ship)	Bahamas.....	....	2	....	Fla.
<u>Pseudotorymus militaris</u> (Boheman)(Torymidae)..... <u>Brassica</u> sp. (seed)	Azores.....	....	....	1	Mass.
<u>Psylla alni</u> (Linnaeus)(Psyllidae)..... Quarters (of ship)	Poland(?).....	....	1	....	Fla.
<u>Ptochiomera nodosa</u> Say (Lygaeidae)..... Orchid (plants)	Honduras.....	....	....	1	Ariz.
<u>Pubillia concava</u> (Say)(Membracidae)..... <u>Chrysanthemum</u> sp. (cut flowers)	Mexico.....	2	....	....	Ariz.
<u>Pyropotosia pryeri</u> (Janson)(Scarabaeidae)..... Aircraft	Asia (country-?).....	1	1	....	Wash.
<u>Rancora serraticornis</u> (Linton)(?) (Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Del.
<u>Reclia schmidtgeni</u> (Wagner)(Cicadellidae)..... Flower - unidentified	Greece.....	1	....	....	N. Y.
<u>Remaudiereana nigriceps</u> (Dallas)(Lygaeidae)..... <u>Musa</u> sp. (banana)	Thailand.....	1	....	....	Ill.
<u>Rhabdoscelus obscurus</u> (Boisduval)(Curculionidae)..... <u>Saccharum officinarum</u> (sugarcane)	Hawaii.....	3	....	....	Hawaii
<u>Rhaebothrips lativentris</u> Karny (Phlaeothripidae)..... <u>Piper</u> sp. (leaf)	Philippines.....	1	....	....	Hawaii
<u>Rhagoletis alternata</u> (Fallen)(Tephritidae)..... <u>Rosa</u> sp. (fruit)	France.....	1	....	....	N. Y.
<u>Rhagoletis cerasi</u> (Linnaeus)(Tephritidae)..... <u>Prunus avium</u> (mazzard cherry) <u>Prunus</u> sp. (cherry)	England, France, Germany, Israel, Italy, Portugal.	6	17	....	Calif., Ill., Mass., N. Y., P. R., Va.
<u>Rhagoletis juglandis</u> Cresson (Tephritidae)..... <u>Juglans</u> sp. (walnuts)	Mexico.....	1	....	....	Ariz.
<u>Rhagoletis striatella</u> Wulp (Tephritidae)..... <u>Physalis</u> sp. (husk tomato)	Mexico.....	1	....	....	Tex.
<u>Rhinocola ericae</u> (Curtis)(Psyllidae)..... <u>Calluna vulgaris</u> (heather) cutting <u>Erica</u> sp. (cutting)	Norway.....	1	3	N. Y.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Rhipiphorothrips pulchellus</u> Morgan (Thripidae).....	Hawaii.....	1	Hawaii
<u>Leucaena leucocephala</u> (seed)					
<u>Rhopalimorpha lineolaris</u> Pendergrast (Pentatomidae)....	New Zealand.....	....	....	1	Hawaii
<u>Protea neriifolia</u> (plant)					
<u>Rhopolophora incrustata</u> Chevrolat (Cerambycidae).....	Mexico.....	1	....	....	Fla.
Wood (crates)					
<u>Rhytidolomia saucia</u> (Say)(Pentatomidae).....	Asia (country-?).....	....	1	....	Alaska
Aircraft					
<u>Rhytidoporus indentatus</u> Uhler (Cydniidae).....	Bahamas.....	....	2	....	Fla.
Quarters (of ship)					
<u>Rivula sericealis</u> (Scopoli)(Noctuidae).....	Turkey.....	....	1	....	Del.
Aircraft					
<u>Saccharicoccus sacchari</u> (Cockerell)(Pseudococcidae)....	Tortola.....	1	....	....	Am. V. I.
<u>Saccharum officinarum</u> (sugarcane)					
<u>Saperda carcharias</u> (Linnaeus)(Cerambycidae).....	Italy.....	4	....	....	Calif.
Wood (crates)					
<u>Sardia pluto</u> Kirkaldy (Delphacidae).....	Vietnam.....	....	1	....	Del.
Aircraft					
<u>Scaphoidula dentata</u> Oman (Cicadellidae).....	Jamaica.....	....	1	....	Fla.
Aircraft					
<u>Scapsipedus marginatus</u> (Afzelius & Brannius) (Gryllidae).....	Dominican Republic....	1	....	....	Md.
Vegetables (mixed)					
<u>Schneidereria pistacicola</u> (Danilevsky)(Gelechiidae)...	Greece, Italy.....	4	....	....	Del., N. Y., Pa.
<u>Pistacia</u> sp. (pistache nut)					
<u>Scapteriscus vicinus</u> Scudder (Gryllidae).....	Jamaica.....	....	1	....	Fla.
Aircraft					
<u>Scolytus intricatus</u> (Ratzeburg)(Scolytidae).....	Belgium, Spain.....	3	....	....	Md., N. Y., Oreg.
<u>Quercus</u> sp. (oak bark)					
Wood (bark)					
<u>Semiothisa hebesata</u> Walker (?) (Geometridae).....	Asia (country-?), Midway.	....	2	....	Alaska, Calif.
Aircraft					
<u>Semiothisa pluviata</u> (Fabricius)(?) (Geometridae).....	Japan.....	....	1	....	Calif.
Aircraft					
<u>Sesamia cretica</u> Lederer (Noctuidae).....	Iran.....	1	....	....	N. Y.
<u>Sorghum dochna</u> var. <u>technicum</u> (broomcorn)					
<u>Sesamia inferens</u> (Walker)(Noctuidae).....	Asia (country-?), Formosa, Japan, Okinawa(?), Philippines.	....	7	....	Del., Hawaii, Wash.
Aircraft					
<u>Sesamia nonagrioides</u> (Lefebvre)(Noctuidae).....	Azores.....	1	....	....	Mass.
Flowers (mixed)					
<u>Setomorpha rutella</u> Zeller (Tineidae).....	Liberia, Nigeria.....	2	....	....	N. Y.
<u>Capsicum</u> sp. (pepper)					
<u>Coffea canephora</u> (coffee)					
<u>Sideridis vitellina</u> (Hubner)(Noctuidae).....	Spain.....	....	1	....	Del.
Aircraft					
<u>Siba virescens</u> Macquart (Lonchaeidae).....	Azores, Greece, Israel, Italy, Malta, Spain, Unknown.	26	1	....	Mass., N. Y.
<u>Ficus carica</u> (fig)					
<u>Simplicia nippona</u> Butler (Noctuidae).....	Asia (country-?), Japan.	....	18	....	Alaska, Calif., Wash.
Aircraft					
<u>Sinoxylon anale</u> Lesne (Bostrichidae).....	India, Philippines, Unknown.	7	1	....	Calif., Fla., Ga., Md., P. R., Va.
Dunnage					
Wood (crates)					
<u>Sinoxylon conigerum</u> Gerstaecker (Bostrichidae).....	Africa (country-?) Asia (country-?), Ceylon, Haiti, India, Italy, Pakistan, Vietnam, Unknown.	49	2	....	Calif., Fla., Hawaii, Ill., Md., N. Y., Oreg., Pa., Tex., Va., Wash.
Cargo					
Cargo hold					
<u>Haematoxylon campechianum</u> (logwood)					
Wood (crates)					
<u>Siphanta acuta</u> (Walker)(Flatidae).....	Australia.....	....	....	1	Hawaii
<u>Erica</u> sp. (plants)					
<u>Sirex juvenus</u> (Linnaeus)(Siricidae).....	Germany.....	1	....	....	N. Y.
Cargo					
<u>Sirex juvenus</u> (Linnaeus)(?) (Siricidae).....	Unknown.....	....	1	....	Fla.
Quarters (of ship)					
<u>Sitophilus rugosus</u> (Thunberg)(Curculionidae).....	Unknown.....	....	1	....	Mass.
<u>Oryza sativa</u> (rice)					
<u>Sogata furcifera</u> (Horvath)(Delphacidae).....	Asia (country-?).....	1	Wash.
Aircraft					

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
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<u>Specularius erythrinae</u> Bridwell (Bruchidae).....	Rhodesia.....	5	Fla., N. J.
<u>Erythrina humeana</u> (seed)					
<u>Erythrina</u> sp. (seed)					
<u>Spermophagus sericeus</u> (Geoffroy)(Bruchidae).....	Italy.....	....	....	1	Mass.
Seeds - unidentified					
<u>Spilostethus saxatilis</u> (Scopoli)(Lygaeidae).....	Italy.....	1	....	....	N. Y.
<u>Prunus persica</u> (peach)					
<u>Spodoptera abyssinia</u> Guenee (Noctuidae).....	Asia (country-?), Japan.	....	6	....	Alaska, Calif., Wash.
Aircraft					
<u>Spodoptera abyssinia</u> Guenee (?) (Noctuidae).....	Asia (country-?).....	....	2	....	Alaska
Aircraft					
<u>Spodoptera littoralis</u> (Boisduval)(Noctuidae).....	Israel.....	....	1	....	N. Y.
<u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower)					
<u>Spodoptera litura</u> (Fabricius)(Noctuidae).....	Asia (country-?), Formosa, Guam, Japan, Philippines, Vietnam, West Pacific.	....	64	....	Alaska, Calif., Hawaii, Wash.
Aircraft					
<u>Spodoptera mauritia</u> (Boisduval)(Noctuidae).....	Asia (country-?), Guam, Japan, Philippines, Thailand, Wake Island, West Pacific, Unknown.	....	51	....	Alaska, Calif., Hawaii, Wash.
Aircraft					
<u>Spodoptera pecten</u> Guenee (Noctuidae).....	Asia (country-?), Guam, Japan, Midway, Philippines, Vietnam, Wake Island.	....	51	....	Alaska, Calif., Del.,
Aircraft					
<u>Spodoptera pecten</u> Guenee (?) (Noctuidae).....	Japan, Midway.....	....	2	....	Calif.
Aircraft					
<u>Stelidota strigosa</u> (Gyllenhal)(Nitidulidae).....	Panama, Trinidad.....	....	1	2	Fla., P. R.
Aircraft					
Palm (seeds)					
Seed - unidentified					
<u>Stenoma catenifer</u> Walsingham (Stenomidae).....	Argentina(?), Chile, Colombia, Ecuador, El Salvador, Guatemala, Mexico, Panama, Peru, Trinidad, Venezuela.	58	6	2	Ala., Calif., Fla.,
<u>Persea americana</u> (avocado)					
<u>Stenoptillia stigmatodactyla</u> Zeller (Pterophoridae)...	Switzerland.....	2	....	....	N. Y., Wash.
Flowers (mixed)					
<u>Stictoptera cucullioides</u> Guenee (Noctuidae).....	Unknown.....	....	1	....	Hawaii
Aircraft					
<u>Sybra alternans</u> (Wiedemann)(Cerambycidae).....	Hawaii.....	2	....	1	Hawaii
Baggage					
<u>Operculina</u> sp. (wood-rose)					
<u>Symmetrischema capsicum</u> (Bradley & Povolny) (Gelechiidae).....	Bolivia, Guatemala, Mexico, Peru.	6	....	....	Ariz., Calif., Fla.
<u>Capsicum</u> sp. (pepper)					
<u>Sympis rufibasis</u> Guenee (Noctuidae).....	Japan.....	....	1	....	Calif.
Aircraft					
<u>Synaptothrips distinctus</u> (Bagnall)(Thripidae).....	South Africa.....	1	....	....	Mich.
<u>Protea</u> sp. (cut flowers)					
<u>Synaptothrips gezinae</u> (Faure)(Thripidae).....	South Africa.....	1	....	....	Mich.
<u>Protea</u> sp. (cut flowers)					
<u>Syneda confirmans</u> Walker (?) (Noctuidae).....	Venezuela.....	....	1	....	Fla.
Aircraft					
<u>Systole coriandri</u> Gussakovskiy (Eurytomidae).....	Syria.....	1	....	....	Mich.
<u>Coriandrum sativum</u> (seed)					
<u>Taeniopoda varipennis</u> Rehn (Acrididae).....	Mexico.....	1	....	....	Tex.
Baggage					
<u>Taeniothrips atratus</u> (Haliday)(Thripidae).....	Denmark, Norway, Poland, Sweden.	6	....	....	Mich., Wash.
Flowers:					
(<u>Calluna vulgaris</u> , <u>Dianthus caryophyllus</u> , <u>Narcissus</u> sp., and cut flowers)					
<u>Taeniothrips eucharis</u> (Whetzel)(Thripidae).....	Japan.....	....	....	4	Calif., N. C., N. Y.
<u>Lycoris</u> sp. (bulbs)					
<u>Taeniothrips hawaiiensis</u> (Morgan)(Thripidae).....	Asia (country-?), Guam, Hawaii, Japan.	65	2	....	Alaska, Calif., Hawaii, Wash.
Flowers:					
(<u>Camellia</u> sp., <u>Chrysanthemum</u> sp., <u>Dianthus</u> sp., <u>Ervatamia</u> sp., <u>Gardenia jasminoides</u> , <u>Gardenia</u> sp., <u>Jasminum</u> sp., <u>Plumeria acuminata</u> , <u>Polianthes</u> <u>tuberosa</u> , <u>Rosa</u> sp., <u>Strongylodon macrobotrys</u>)					

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Tafalisca lurida</u> Walker (Gryllidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<u>Talponia batesi</u> Heinrich (Olethreutidae)..... Annona cherimola (cherimoya)	Mexico.....	5	....	....	Ariz., Tex.
<u>Teleogryllus mitratus</u> (Burmeister)(Gryllidae)..... Aircraft Cargo	Asia (country-?), Japan, Okinawa, Philippines, Vietnam, Unknown.	12	44	....	Alaska, Calif., Del., Hawaii, Wash.
<u>Teleogryllus oceanicus</u> (LeGuillou)(Gryllidae)..... Nail	Hawaii.....	1	....	....	Hawaii
<u>Teleogryllus testaceus</u> (Walker)(Gryllidae)..... Aircraft	Asia (country-?), Japan, Philippines. Honduras.....	....	6	....	Alaska, Calif., Wash.
<u>Temnaspidotus excisus</u> (Green)(Diaspididae)..... Aglaonema sp. (plants)	Nicaragua.....	....	....	8	Fla.
<u>Tenthericoris bicolor</u> (Scott)(Miridae)..... Orchid (plants)	Nicaragua.....	....	....	1	Fla.
<u>Terellia fuscicornis</u> (Loew)(Tephritidae)..... Cynara scolymus (artichoke)	Italy, Spain.....	3	....	....	Mass., Mich., Ohio
<u>Termes hispaniolae</u> (Banks)(Termitidae)..... Haematoxylon campechianum (logwood)	Haiti.....	2	....	....	Md.
<u>Tetraleurodes fici</u> Quaintance & Baker (Aleyrodidae).... Ficus carica (fig)	El Salvador.....	....	....	1	Fla.
<u>Tetraleurodes perileuca</u> (Cockerell)(Aleyrodidae)..... Quercus sp. (leaf)	Mexico.....	1	....	....	Ariz.
<u>Tetralicia abnormis</u> (Quaintance)(Aleyrodidae)..... Persea americana (avocado)	Mexico.....	4	....	....	Tex.
<u>Psidium guajava</u> (guava)					
<u>Tetrapriocera longicornis</u> (Olivier)(Bostrichidae)..... Aircraft Cargo hold (of ship) Quarters (of ship) Wood (log)	Bahamas, Dominican Republic(?), Greece(?), Haiti, Unknown.	1	17	....	Fla., Minn.
<u>Texananus curtus</u> DeLong (Cicadellidae)..... Cucumis melo (melon)	Mexico.....	1	....	....	Tex.
<u>Texananus oregonus</u> (Ball)(Cicadellidae)..... Pelargonium sp. (plant)	Mexico.....	....	....	1	Calif.
<u>Thecodiplosis brachyntera</u> Schwagrighen (Cecidomyiidae). Pinus sp. (leaf)	Germany.....	....	....	1	Pa.
<u>Thoracaphis fici</u> (Takahashi)(Aphididae)..... Ficus sp. (leaf)	Hawaii.....	2	....	....	Hawaii
<u>Thrips augusticeps</u> Uzel (Thripidae)..... Cynara scolymus (artichoke) Lactuca sativa (lettuce)	Italy, Portugal.....	1	1	....	Mass.
<u>Thrips coloratus</u> Schmutz (Thripidae)..... Flowers (Narcissus sp.)	Japan.....	1	....	....	Hawaii
<u>Thrips flavus</u> Schrank (Thripidae)..... Flowers: (Dianthus sp. & Rosa sp.)	England, Japan.....	3	....	....	Mich., Wash.
<u>Thrips imaginis</u> Bagnall (Thripidae)..... Flowers (mixed)	Australia.....	1	....	....	Hawaii
<u>Thrips major</u> Uzel (Thripidae)..... Flowers: (Dianthus caryophyllus, Erica sp., Rosa sp., and cut flowers)	Denmark, Europe (country-?), Norway, Poland, Sweden.	16	....	....	Mich., Wash.
<u>Thysanofiorinia nephelii</u> (Maskell)(Diaspididae)..... Litchi chinensis (lychee)	Hong Kong.....	1	....	....	Wash.
<u>Tithraustes longipennis</u> Schaus (Diptoridae)..... Aircraft	Costa Rica.....	....	1	....	Fla.
<u>Tomicus piniperda</u> (Linnaeus)(Scolytidae)..... Cargo hold (of ship) Wood (bark)	Sweden, Unknown.....	1	1	1	Fla., La.
<u>Torymus seminum</u> (Hoffmeyer)(Torymidae)..... Acer palmatum (seed)	Japan.....	....	....	1	N. J.
<u>Trachea atriplicis gnomia</u> (Butler)(Noctuidae)..... Aircraft	Asia (country-?).....	....	1	....	Alaska
<u>Trachylepidia fructicassiiella</u> Ragonot (Galleriidae).... Cassia sp. (seed)	Jamaica, Panama.....	2	....	....	Fla., C. S.
<u>Tretogonia conspersa</u> Schmidt (Cicadellidae)..... Aircraft	Panama(?), Venezuela...	....	2	....	Fla.

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Trialeurodes desmodii</i> Corbett (Aleyrodidae)..... Dimorphotheca sp. (leaf)	Rhodesia.....	....	....	1	N. Y.
<i>Trialeurodes lauri</i> (Signoret)(Aleyrodidae)..... Eucalyptus sp. (leaf) Laurus nobilis (laurel) leaf	Greece, Italy.....	3	....	....	Ill., N. Y.
<i>Trialeurodes ricini</i> (Misra)(Aleyrodidae)..... Eucalyptus sp. (leaf)	Turkey.....	1	....	....	Va.
<i>Trialeurodes similis</i> Russell (Aleyrodidae)..... Calocarpum sapota (sapote) Persea americana (avocado) Psidium guajava (guava)	Mexico.....	4	....	....	Ariz., Tex.
<i>Trialeurodes varia</i> Quaintance & Baker (Aleyrodidae).... Leaf - unidentified	Mexico.....	1	....	....	Va.
<i>Trichoplusia oxygramma</i> (Geyer)(Noctuidae)..... Aircraft Ipomoea batatas (sweetpotato)	Asia (country-?), Tortola.	....	1	1	Alaska, Am. V.I.
<i>Tricorynus tabaci</i> (Guerin-Meneville)(Anobiidae)..... Mail	Jamaica.....	1	....	....	Fla.
<i>Trigonidium cicindeloides</i> Rambur (Gryllidae)..... Aircraft	West Pacific.....	....	1	....	Hawaii
<i>Trioza anceps</i> Tuthill (Psyllidae)..... Persea americana (avocado)	Mexico.....	1	....	....	Tex.
<i>Triphosa haesitata</i> (Guenee)(Geometridae)..... Aircraft	Midway.....	....	1	....	Calif.
<i>Trogoderma granarium</i> Everts (Dermestidae)..... Acacia senegal (gum arabic and gum hashabi) Anogeissus latifolia (gum ghatti) Bagging: (Used burlap bagging and wrappers on cotton waste and wool) Cargo: (At large with beeswax, cotton piece goods, flaxwaste, goat skins, ground nut cake, licorice root, shellac, and wool) Cargo hold: (At large and under paint scales) Cajanus cajan (pigeon pea) Cassia sp. (senna pods) Cicer arietinum (chickpea) seed Coffea arabica (Arabian coffee) Cuminum cyminum (cumin) seed Cyamopsis tetragonoloba (guar gum) Debris (in hold and storeroom) Oryza sativa (rice) Pistacia sp. (pistache nut) Pisum sativum (pea) seed Prunus cerasifera (myrobalan plum) Sterculia urens (gum karaya) Stores (storeroom with dry stores)	Africa (country-?), Asia (country-?), Belgium, Ethiopia, France, India, Indonesia, Iran, Iraq, Lebanon, Malaysia, Pakistan, Saudi Arabia, Singapore, Sudan, Syria, United Arab Republic, Unknown.	166	59	....	Ala., Calif., Fla., Ga., Ill., La., Md., N. C., N. Y., Oreg., Pa., S. C., Tex., Va., Wash.
<i>Trupanea vicina</i> (Wulp)(Tephritidae)..... Tagetes sp. (seed)	Mexico.....	....	....	2	Calif.
<i>Tryporyza incertulas</i> (Walker)(Schoenobiidae)..... Aircraft	Asia (country-?), Japan, Philippines, West Pacific.	....	32	....	Alaska, Calif., Hawaii, Wash.
<i>Tylocentrus reticulatus</i> Van Duzee (Membracidae)..... Baggage	Mexico.....	1	....	....	Tex.
<i>Tylozygus fasciatus</i> (Walker)(Cicadellidae)..... Aircraft	Jamaica(?).....	....	2	....	Fla.
<i>Unaspis yanonensis</i> (Kuwana)(Diaspididae)..... Citrus aurantifolia (lime) C. aurantium (sour orange) C. grandis (pummelo) C. limon (lemon) C. medica (citron) C. paradisi (grapefruit) C. reticulata cv. (cultivar orange) C. sinensis (sweet orange) Citrus sp. (fruit)	Asia (country-?), Australia, Formosa, Hong Kong, Japan, Okinawa.	143	524	....	Alaska, Calif., Hawaii, N. Y., Oreg., Pa., Wash.
<i>Utethesia pulchella</i> (Linnaeus)(Arctiidae)..... Aircraft	Asia (country-?), Japan, Philippines, West Pacific.	....	24	....	Calif., Hawaii, Wash.

TABULATION OF INSECTS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Veterna abyssinica</i> Lethierry (Pentatomidae)..... Cargo	Greece(?).....	1	....	....	Del.
<i>Vinsonia stellifera</i> (Westwood)(Coccidae)..... Citrus sp. (leaf) Cocos nucifera (coconut) leaf Eugenia sp. (leaf) Mangifera indica (mango) leaf Orchids: (<i>Acineta humboldtii</i> , <i>Brassavola digbyana</i> , <i>Brassica</i> sp., <i>Cattleya</i> sp., <i>Epidendrum</i> <i>cochleatum</i> , <i>Epidendrum</i> sp., <i>Oncidium</i> sp., <i>Pleurothallis</i> sp., and mixed orchid plants)	British Honduras, Costa Rica, El Salvador, Guatemala, Jamaica, Laos, Panama, Puerto Rico, St. Croix, Surinam, Trinidad, Venezuela.	3	....	42	Calif., La., N. Y., P. R.
<i>Westermannia superba</i> Hubner (Noctuidae)..... Aircraft	Japan.....	....	1	....	Calif.
<i>Xanthaciura insecta</i> (Loew)(Tephritidae)..... Aircraft	Venezuela(?).....	....	1	....	Fla.
<i>Xanthanomus aurantiaca</i> Hampson (Noctuidae)..... Aircraft	Philippines.....	....	1	....	Alaska
<i>Xanthodes graellsii</i> Feisthamel (Noctuidae)..... Aircraft	Japan.....	....	1	....	Calif.
<i>Xanthodes transversa</i> Guenee (Noctuidae)..... Cargo	Asia (country-?).....	1	....	....	Wash.
<i>Xenochalepus omogerus</i> (Crotch)(Chrysomelidae)..... Bromeliad (plant)	Guatemala.....	....	....	2	Fla.
<i>Xiphidiopsis lita</i> Hebard (Tettigoniidae)..... Aircraft Mail	Hawaii.....	2	1	....	Hawaii
<i>Xyleborus eurygraphus</i> Ratzeburg (Scolytidae)..... Pistacia sp. (pistache nuts) Wood (crates)	Italy, Turkey.....	2	....	....	Calif., N. Y.
<i>Xyleborus semiopacus</i> Eichhoff (Scolytidae)..... Cordyline terminalis (stem)	Hawaii.....	1	....	....	Hawaii
<i>Xylomeira torquata</i> (Fabricius)(Bostrichidae)..... Aircraft	Bahamas.....	....	1	....	Fla.
<i>Xylopsocus capucinus</i> (Fabricius)(Bostrichidae)..... Wood (crates)	India.....	1	....	....	N. Y.
<i>Xylothrips flavipes</i> (Illiger)(Bostrichidae)..... Wood (crates)	Ceylon, Formosa, India, Pakistan, Philippines.	17	....	....	Fla., N. Y., Pa., S. C., Tex., Va.
<i>Xylotrechus arvicola</i> (Olivier)(Cerambycidae)..... Baggage	France.....	1	....	....	N. Y.
<i>Xylotrupes gideon</i> (Linnaeus)(?) (Scarabaeidae)..... Baggage	Philippines.....	1	....	....	Hawaii
<i>Xystrocera globosa</i> (Olivier)(Cerambycidae)..... Aircraft	Japan.....	....	1	....	Calif.
<i>Zunacetha annulata</i> (Guerin-Meneville)(Dipteridae)..... Aircraft	Panama(?).....	....	1	....	Fla.

- ABIES:
Dynaspidiotus abieticola (Homoptera)
Megastigmus borriesi (Hymenoptera)
M. suspectus (Hymenoptera)
M. suspectus pinsapinis (Hymenoptera)
- ACACIA:
Acanthoscelides oblongoguttatus (Coleoptera)
Hilarocassis exclamacionis (Coleoptera)
Mimosestes dominicanus (Coleoptera)
Orthezia praelonga (Homoptera)
Phalonia leguminana (Lepidoptera)
Pseudopachymerina spinipes (Coleoptera)
Trogoderma granarium (Coleoptera)
- ACER:
Aleurochiton pseudoplatani (Homoptera)
Periphyllus testudinatus (Homoptera)
Torymus seminum (Hymenoptera)
- AECHMEA:
Lobiopa insularis (Coleoptera)
- AFZELIA:
Mussidia nigrivenella (Lepidoptera)
- AGAVE:
Phalonia pimana (Lepidoptera)
- AGLAONENA:
Temnaspidiotus excisus (Homoptera)
- ALHAGI:
Caryedon serratus (Coleoptera)
- ALLIUM:
Acrolepia assectella (Lepidoptera)
Brachycaudus helichrysi (Homoptera)
Brachycerus albidentatus (Coleoptera)
B. algirus (Coleoptera)
Carpophilus obsoletus (Coleoptera)
Conotelus mexicanus (Coleoptera)
Dyspessa ulula (Lepidoptera)
- ALPINIA:
Coccus viridis (Homoptera)
Oxydema fusiforme (Coleoptera)
Pheidole megacephala (Hymenoptera)
Planococcus lilacinus (Homoptera)
Protaetia fusca (Coleoptera)
- ALYXIA:
Ceroplastes rubens (Homoptera)
- ANANAS:
Acroleucus vicinialis (Hemiptera)
Blissus insularis (Hemiptera)
Diaprepes abbreviatus (Coleoptera)
Dysdercus incertus (Hemiptera)
Graptostethus manillensis (Hemiptera)
Haptoncus luteolus (Coleoptera)
Melanaspis bromeliae (Homoptera)
Phyllophaga protoricensis (Coleoptera)
Protaetia fusca (Coleoptera)
- ANOGEISSUS:
Trogoderma granarium (Coleoptera)
- ANNONA:
Bephrata cubensis (Hymenoptera)
B. maculicollis (Hymenoptera)
Ceratitis capitata (Diptera)
Cerconota anonella (Lepidoptera)
Nipaecoccus vastator (Homoptera)
Planococcus lilacinus (Homoptera)
Talponia batesi (Lepidoptera)
- ANTHEMIS:
Nysius graminicolus (Hemiptera)
Oxycarenus hyalinipennis (Hemiptera)
- ANTHURIUM:
Ceroplastes rubens (Homoptera)
- APIUM:
Euleia heraclei (Diptera)
Mamestra brassicae (Lepidoptera)
- ARACHIS:
Caryedon serratus (Coleoptera)
- ARAUCARIA:
Neophyllaphis araucariae (Homoptera)
- ARECA:
Aspidiotus destructor (Homoptera)
Lepidosaphes bladhiae (Homoptera)
- ASTER:
Brachycaudus helichrysi (Homoptera)
Conotelus mexicanus (Coleoptera)
- BAMBUSA:
Cryptotermes brevis (Isoptera)
Dinoderus brevis (Coleoptera)
Eucalandra setulosa (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
kawanaspis pseudoleucaspis (Homoptera)
Minthea rugicollis (Coleoptera)
- BANKSIA:
Chorotingis indigena (Hemiptera)
Euaulana austrina (Hemiptera)
- BELLIS:
Brachycaudus helichrysi (Homoptera)
- BETA:
Conotelus mexicanus (Coleoptera)
Gnorimoschema ocellatella (Lepidoptera)
- BETULA:
Euceraphis punctipennis (Homoptera)
- BIXA:
Acanthoscelides bixae (Coleoptera)
- BOUTELLOUA:
Multareoides planifrons (Homoptera)
- BRASSICA:
Aleyrodes proletella (Homoptera)
Epilachna niponica (Coleoptera)
Evergestis forficalis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Meligethes aeneus (Coleoptera)
Oulema melanopus (Coleoptera)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Pseudotorymus militaris (Hymenoptera)
Spodoptera littoralis (Lepidoptera)
- BROMELIAD:
Acutaspis albopicta (Homoptera)
Apateticus lineolatus (Hemiptera)
Arhysus parvicornis (Hemiptera)
Coleopterus latus (Coleoptera)
Coptocycia atroannulus (Coleoptera)
Corythucha championi (Hemiptera)
Cryphula apicata (Hemiptera)
C. fasciata (Hemiptera)
Dinaspis aculeata (Homoptera)
Dioxyna picciola (Diptera)
Edessa bifida (Hemiptera)
Galgupha quadrisignata (Hemiptera)
Genuchinus v-notatus (Coleoptera)
Hemiberlesia palmarum (Homoptera)
Loplopa insularis (Coleoptera)
L. simulatrix (Coleoptera)
Malacorhinus irregularis (Coleoptera)
Nasutitermes ephratae (Isoptera)
N. nigriceps (Isoptera)
Niesthrea sidae (Hemiptera)
Nysius basalis (Hemiptera)
Pheidole megacephala (Hymenoptera)
P. punctatissima (Hymenoptera)
Xenochalepus omogerus (Coleoptera)
- BUCIDA:
Aleuroglandulus subtilis (Homoptera)
- CACTUS:
Galgupha quadrisignata (Hemiptera)
Heterogaster urticae (Hemiptera)
Moneilema ulkei (Coleoptera)
Ochrostomus poeyi (Hemiptera)
Opuntiaspis philococcus (Homoptera)
- CAESALPINIA:
Mimosestes dominicanus (Coleoptera)
- CAJANUS:
Callosobruchus analis (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
- CALLUNA:
Gelechia ericetella (Lepidoptera)
Rhinocola ericae (Homoptera)
- CALOCARPUM:
Anastrepha ludens (Diptera)
A. serpentina (Diptera)
Trialeurodes similis (Homoptera)
- CALOPHYLLUM:
Dacus dorsalis (Diptera)

- CAMELLIA:
Abgrallaspis degenerata (Homoptera)
Microcentrum triangulatum (Orthoptera)
- CANAVALIA:
Araeocorynus cumingi (Coleoptera)
- CAPPARIS:
Asphondylia capparidis (Diptera)
- CAPSICUM:
Arvelius albopunctatus (Hemiptera)
Carpophilus lugubris (Coleoptera)
Ceratitidis capitata (Diptera)
Clerada apicicornis (Hemiptera)
Cryptophebia leucotreta (Lepidoptera)
Heliothis phloxiphaga (Lepidoptera)
Leucinodes orbonalis (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Setomorpha rutella (Lepidoptera)
Symmetrischema capsicum (Lepidoptera)
- CARICA:
Ceratitidis capitata (Diptera)
Dacus dorsalis (Diptera)
Davara caricae (Lepidoptera)
Oxydema fusiforme (Coleoptera)
Pheidole megacephala (Hymenoptera)
- CARYA:
Laspeyresia caryana (Lepidoptera)
- CASIMIROA:
Acutaspis albopicta (Homoptera)
- CASSIA:
Caryedon serratus (Coleoptera)
Phelemerus aberrans (Coleoptera)
Trachylepidia fructicasella (Lepidoptera)
Trogoderma granarium (Coleoptera)
- CASTANEA:
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
- CHAENOMELES:
Aleurotuberculatus aucubae (Homoptera)
- CHAMAECYPARIS:
Megastigmus chamaecyparidis (Hymenoptera)
- CHAMAEDOREA:
Achryson surinamum (Coleoptera)
Asterolecanium inlabefactum (Homoptera)
Dinaspis aculeata (Homoptera)
Graphocephala coccinea (Homoptera)
Hansenia pulverulenta (Homoptera)
Loxagrotis albicosta (Lepidoptera)
Megamelus longicornis (Homoptera)
Metriona trisignata (Coleoptera)
Phaeoses sabinella (Lepidoptera)
- CHRYSANTHEMUM:
Ancognatha scarabaeoides (Coleoptera)
Brachypterolus pulicarius (Coleoptera)
Cannagara aorisaria (Lepidoptera)
Chrysodeixis chalcites (Lepidoptera)
Conotelus mexicanus (Coleoptera)
Hordnia circellata (Homoptera)
Nysius basalis (Hemiptera)
Pleotrichophorus glandulosus (Homoptera)
Podisus maculiventris (Hemiptera)
Publilia concava (Homoptera)
- CHRYSOPHYLLUM:
Anastrepha ludens (Diptera)
- CICER:
Bruchus ervi (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Trogoderma granarium (Coleoptera)
- CITRUS AURANTIFOLIA:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Mycetaspis personata (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS AURANTIUM:
Aleurocanthus woglumi (Homoptera)
Aleurotuberculatus aucubae (Homoptera)
Anastrepha ludens (Diptera)
Unaspis yanonensis (Homoptera)
- CITRUS GRANDIS:
Morganella longispina (Homoptera)
Pariatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS LIMON:
Aleurothrixus floccosus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Orchamoplatus citri (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS MEDICA:
Unaspis yanonensis (Homoptera)
- CITRUS PARADISI:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Anidiella comperei (Homoptera)
Ceratitidis capitata (Diptera)
Mycetaspis personata (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS RECITULATA CV.:
Acaudaleyrodes citri (Homoptera)
Anastrepha ludens (Diptera)
Ceratitidis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SINENSIS:
Aleurocanthus woglumi (Homoptera)
Aleurothrixus floccosus (Homoptera)
Anastrepha ludens (Diptera)
A. serpentina (Diptera)
Cacoecimorpha pronubana (Lepidoptera)
Ceratitidis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Cryptophebia leucotreta (Lepidoptera)
Gymnandrosoma aurantianum (Lepidoptera)
Hemiberlesia palmae (Homoptera)
Morganella longispina (Homoptera)
Mycetaspis personata (Homoptera)
Ostrinia nubilalis (Lepidoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SP.:
Aleurocanthus woglumi (Homoptera)
Aleurolobus citri (Homoptera)
A. marlatti (Homoptera)
Aleuroplatus coccolus (Homoptera)
Aleurothrixus floccosus (Homoptera)
Aleurotuberculatus jasmini (Homoptera)
Anastrepha ludens (Diptera)
Brachycaudus helichrysi (Homoptera)
Carpophilus ligneus (Coleoptera)
Ceratitidis capitata (Diptera)
Cryptophebia leucotreta (Lepidoptera)
Orchamoplatus citri (Homoptera)
Parlatoria zizyphus (Homoptera)
Planococcus kraunhiae (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)
Vinsonia stellifera (Homoptera)
- COCOS:
Acutaspis tingi (Homoptera)
Aspidiotus destructor (Homoptera)
Diocalandra taitensis (Coleoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes esakii (Homoptera)
Palmicultor palmarum (Homoptera)
Parobius globulus (Coleoptera)
Vinsonia stellifera (Homoptera)
- CODIAEUM:
Achaea janata (Lepidoptera)
Coccus viridis (Homoptera)
Lepidosaphes tokionis (Homoptera)
Pheidole megacephala (Hymenoptera)

- COFFEA:
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Hypothenemus hampei (Coleoptera)
Stenomorphia rutella (Lepidoptera)
Trogoderma granarium (Coleoptera)
- COIX:
Pheidole megacephala (Hymenoptera)
- COLACASIA:
Aleuroglandulus malangae (Homoptera)
- CORDYLINAE:
Xyleborus semiopacus (Coleoptera)
- CORIANDRUM:
Systole coriandri (Hymenoptera)
- CORYLUS:
Curculio nucum (Coleoptera)
- CRATAEGUS:
Aleurotuberculatus aucubae (Homoptera)
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
- CROTALARIA:
Epinotia aporema (Lepidoptera)
- CRYPTOMERIA:
Lepidosaphes maskelli (Homoptera)
Megastigmus cryptomeriae (Hymenoptera)
- CUCUMIS:
Ancylocera bicolor (Coleoptera)
Atta mexicana (Hymenoptera)
Blapstinus punctulatus (Coleoptera)
Carpomyia pardalina (Diptera)
Chrysobothris analis (Coleoptera)
C. pupureaplagiata (Coleoptera)
Cligenes distinctus (Hemiptera)
Conoderus rufangulus (Coleoptera)
Dacus cucurbitae (Diptera)
Euphoria kerni (Coleoptera)
Gryllus capitatus (Orthoptera)
Heraeus coquilletti (Hemiptera)
Homalodisca ichthycephala (Homoptera)
H. insolita (Homoptera)
Megacerus impiger (Coleoptera)
Melanaethus spinolai (Hemiptera)
Melipotis fasciolaris (Lepidoptera)
Texananus curtus (Homoptera)
- CUCURBIT:
Graphosoma lineatum (Hemiptera)
- CUCURBITA:
Atta mexicana (Hymenoptera)
Epinotia aporema (Lepidoptera)
Liriomyza munda (Diptera)
- CUMINUM:
Cadra calidella (Lepidoptera)
Trogoderma granarium (Coleoptera)
- CUPRESSUS:
Orsillus maculatus (Hemiptera)
- CYAMIPISIS:
Trogoderma granarium (Coleoptera)
- CYCAD:
Carpophilus davidsoni (Coleoptera)
- CYCAS:
Aonidiella inornata (Homoptera)
- CYDONIA:
Anastrepha ludens (Diptera)
Carpophilus lugubris (Coleoptera)
Ceratitis capitata (Diptera)
- CYNARA:
Larinus scolymi (Coleoptera)
Terellia fuscicornis (Diptera)
Thrips augusticeps (Thysanoptera)
- DAUCUS:
Aethes williana (Lepidoptera)
- DENDROBIUM:
Chrysomphalus pinnulifer (Homoptera)
Genaparlatoria pseudaspidiotus (Homoptera)
Lindingaspis tingi (Homoptera)
Orchidophilus aterrimus (Coleoptera)
- DIANTHUS:
Ancognatha scarabaeoides (Coleoptera)
Cacoecimorpha pronubana (Lepidoptera)
Euphoria kerni (Coleoptera)
- DIMORPHOTHECA:
Bemisia tabaci (Homoptera)
Trialeurodes desmodii (Homoptera)
- DIOSCOREA:
Aspidiella hartii (Homoptera)
Carpophilus pilosellus (Coleoptera)
Diaprepes abbreviatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
- DIOSPYROS:
Ceroplastes pseudoceriferus (Homoptera)
Lepidosaphes conchiformioides (Homoptera)
Ostrinia nubialis (Lepidoptera)
Planococcus krauhiae (Homoptera)
- DOLICHOS:
Callosobruchus analis (Coleoptera)
C. phaseoli (Coleoptera)
- DRACAENA:
Chrysomphalus pinnulifer (Homoptera)
- ECHINODORUS:
Alerodicus iridescens (Homoptera)
Pautotarsus ruficornis (Orthoptera)
- ENTEROLOBIUM:
Anysipyla univitella (Lepidoptera)
- EPIDENDRUM:
Aleurodicus pulvinatus (Homoptera)
- ERICA:
Rhinocola ericae (Homoptera)
Siphanta acuta (Homoptera)
- ERIOBOTRYA:
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
- ERYTHRINA:
Specularius erythrinae (Coleoptera)
- EUCALYPTUS:
Trialeurodes lauri (Homoptera)
T. ricini (Homoptera)
- EUGENIA:
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Protopulvinaria longivalvata (Homoptera)
Vinsonia stellifera (Homoptera)
- EUPHORBIA:
Craspeduchus bilimeki (Hemiptera)
C. uhleri (Hemiptera)
- EURYA:
Dialeurodes tristylli (Homoptera)
Pinnaspis uniloba (Homoptera)
- FIGUS:
Aleyrodes elevatus (Homoptera)
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dacus dorsalis (Diptera)
Dialeurodes egregissima (Homoptera)
Silba virescens (Diptera)
Tetraleurodes fici (Homoptera)
Thoracaphis fici (Homoptera)
- FORTUNELLA:
Unaspis yanonensis (Homoptera)
- FRAGARIA:
Colopterus latus (Coleoptera)
C. macropterus (Coleoptera)
Epiphyas postvittana (Lepidoptera)
Isotrrips obscuratus (Thysanoptera)
- GARCINIA:
Planococcus lilacinus (Homoptera)
- GARDENIA:
Aleuroparadoxus gardeniae (Homoptera)
Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Pealius hibisci (Homoptera)
Protopulvinaria longivalvata (Homoptera)
- CERBERA:
Coccus viridis (Homoptera)
- GINKGO:
Lepidosaphes kuwacola (Homoptera)

HOSTS AND INSECTS

GLADIOLUS:

Brachycaudus helichrysi (Homoptera)

GOSSYPIUM:

Buccalatrix thurberiella (Lepidoptera)

Pectinophora gossypiella (Lepidoptera)

GUAIACUM:

Acutaspis reniformis (Homoptera)

Aleuroglandulus emmae (Homoptera)

Aleurothrix floccosus (Homoptera)

HAEMATOKYLON:

Sinoxylon conigerum (Coleoptera)

Termes hispaniolae (Isoptera)

HEDERA:

Filippia viburni (Homoptera)

HIBISCUS:

Aleurodicus dugesii (Homoptera)

Atta mexicana (Hymenoptera)

Bemisia tabaci (Homoptera)

Earias insulana (Lepidoptera)

Pectinophora gossypiella (Lepidoptera)

IPOMOEA:

Cylas formicarius elegantulus (Coleoptera)

C. formicarius formicarius (Coleoptera)

Euseceps postfasciatus (Coleoptera)

Trichoplusia oxygramma (Lepidoptera)

LXORA:

Coccus viridis (Homoptera)

Petrusa epilepsis (Homoptera)

JASMINUM:

Dialeurodes kirkaldyi (Homoptera)

Palpita unionalis (Lepidoptera)

JUGLANS:

Rhagoletis juglandis (Diptera)

JUNIPERUS:

Lepidosaphes maskelli (Homoptera)

LABURNUM:

Bruchidius ater (Coleoptera)

LACTUCA:

Conotelus mexicanus

Euarestoides acutangulus (Diptera)

Mamestra brassicae (Lepidoptera)

Thrips augusticeps (Thysanoptera)

LANSIUM:

Pheidole megacephala

Planococcus lilacinus (Homoptera)

LATHYRUS:

Bruchus tristiculus (Coleoptera)

B. tristis (Coleoptera)

Conotelus mexicanus (Coleoptera)

LAURUS:

Aonidiella lauretorum (Homoptera)

A. lauri (Homoptera)

Cacoecimorpha pronubana (Lepidoptera)

Melanaspis paulista (Homoptera)

Trialeurodes lauri (Homoptera)

LENS:

Bruchidius incarnatus (Coleoptera)

Bruchus ervi (Coleoptera)

B. lentis (Coleoptera)

B. signaticornis (Coleoptera)

Callosobruchus analis (Coleoptera)

LEUCAENA:

Rhipiphorothrips pulchellus (Thysanoptera)

LITCHI:

Cryptophlebia illepidia (Lepidoptera)

Dacus dorsalis (Diptera)

Planococcus dorsospinosus (Homoptera)

Pseudaulacaspis major (Homoptera)

Thysanoflorinia nepheblii (Homoptera)

LYCOPERSICON:

Dacus cucurbitae (Diptera)

Gnorimoschema plaesiosema (Lepidoptera)

Lirionyma munda (Diptera)

Neoleucinodes elegantalis (Lepidoptera)

Ostrinia nubilalis (Lepidoptera)

LYCORIS:

Taeniothrips eucharis (Thysanoptera)

MALUS:

Anastrepha ludens (Diptera)

Carpophilus lugubris (Coleoptera)

Carposina niponensis (Lepidoptera)

Ceratitidis capitata (Diptera)

Cerodontha denticornis (Diptera)

Colopterus macropterus (Coleoptera)

Coptosoma xanthogramma (Heteroptera)

Ctenopseustis obliquana (Lepidoptera)

Epiphyas postvittana (Lepidoptera)

Haptoncus californicus (Coleoptera)

Lobiopa insularis (Coleoptera)

Planotortrix excessana (Lepidoptera)

MANGIFERA:

Anastrepha ludens (Diptera)

A. mombinpraeoptans (Diptera)

Aulacaspis tubercularis (Homoptera)

Ceratitidis capitata (Diptera)

Colopterus amputatus (Coleoptera)

Cryptorhynchus mangiferae (Coleoptera)

Dacus dorsalis (Diptera)

Lobiopa insularis (Coleoptera)

Mycetaspis personata (Homoptera)

Pseudaonidia trilobitiformis (Homoptera)

Vinsonia stellifera (Homoptera)

MANIHOT:

Arvelius albopunctatus (Hemiptera)

MANILKARA:

Anastrepha ludens (Diptera)

A. mombinpraeoptans (Diptera)

A. serpentina (Diptera)

MENTHA:

Bemisia tabaci (Homoptera)

Brachycaudus helichrysi (Homoptera)

Negosiana miliaris (Homoptera)

Orthezia pseudinsignis (Homoptera)

MIMOSA:

Acanthoscelides oblongoguttatus (Coleoptera)

MURRAYA:

Aleurocanthus husaini (Homoptera)

Aleurolobus mariatti (Homoptera)

Aleurotuberculatus murrayae (Homoptera)

MUSA:

Ceraspis pilatei (Coleoptera)

Dacus dorsalis (Diptera)

Metamasius hemipterus sericeus (Coleoptera)

Pheidole punctatissima (Hymenoptera)

Remaudiereana nigriceps (Hemiptera)

NASTURTIUM:

Euleia heraclei (Diptera)

ODONTOGLOSSUM:

Aleuroglandulus emmae (Homoptera)

OLEA:

Aleurolobus olivinus (Homoptera)

Dacus oleae (Diptera)

Euphyllura olivina (Homoptera)

Leucaspis riccae (Homoptera)

Phloeotribus scarabaeoides (Coleoptera)

Prays oleella (Lepidoptera)

OPERCULINA:

Sybra alternans (Coleoptera)

OPUNTIA:

Ceratitidis capitata (Diptera)

ORCHID:

Abgrallaspis mendax (Homoptera)

Acanthoscelides oblongoguttatus (Coleoptera)

Acroleucus vicinialis (Hemiptera)

Acutaspis albopicta (Homoptera)

A. umbonifera (Homoptera)

Aetalion quadratum (Homoptera)

Aleurodicus dispersus (Homoptera)

Aleuroglandulus emmae (Homoptera)

Althos obscurator (Hemiptera)

Apateticus lineolatus (Hemiptera)

Aspidiotus destructor (Homoptera)

Camptodes illustris (Coleoptera)

Capaneus odiosus (Hemiptera)

ORCHID (continued):

Carpophilus pilosellus (Coleoptera)
Ceraleurodicus bakeri (Homoptera)
Chrysomphalus pinnulifer (Homoptera)
Cloesmus nepalensis (Hemiptera)
Colopterus latus (Coleoptera)
Conoderus rufangulus (Coleoptera)
Cryphula apicata (Hemiptera)
Cymus guatemalanus (Hemiptera)
Edessa bifida (Hemiptera)
Euphoria basalis (Coleoptera)
E. dimidiata (Coleoptera)
Exptochiomeria minima (Hemiptera)
Genaparlatoria pseudaspidiotus (Homoptera)
Gryllus assimilis (Orthoptera)
Homalodisca insolita (Homoptera)
Insara intermedia (Orthoptera)
Lobiopa insularis (Coleoptera)
Lycambes varicolor (Hemiptera)
Macropygium reticulare (Hemiptera)
Melanaethus spinolai (Hemiptera)
Melanaspis aliena (Homoptera)
Melanocoryphus admirabilis (Hemiptera)
M. circumplicatus (Hemiptera)
Merobruchus major (Coleoptera)
Metamasius sericeus carbonarius (Coleoptera)
Nasutitermes costalis (Isoptera)
N. ephratae (Isoptera)
Niesthrea sidae (Hemiptera)
Oxyblepta limbatipennis (Orthoptera)
Pachybrachius intermedium (Hemiptera)
Parallelodiplosis cattleyae (Diptera)
Pheidole megacephala (Hymenoptera)
Phyllophaga bruneri (Coleoptera)
Ptochiomeria nodosa (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

Ancognatha scarabaeoides (Coleoptera)
Epichorista ionephela (Lepidoptera)
Frankliniella schultzei (Thysanoptera)

ORYZA:

Aglossa caprealis (Lepidoptera)
Chilo suppressalis (Lepidoptera)
Sitophilus rugosus (Coleoptera)
Trogoderma granarium (Coleoptera)

PALM:

Aonidiella messengeri (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Lindingaspis rossi (Homoptera)
Palmaricoccus attaleae (Homoptera)
Pheidole megacephala (Hymenoptera)
Stelidota strigosa (Coleoptera)

PELARGONIUM:

Texananus oregonus (Homoptera)

PERSEA:

Ceratitidis capitata (Diptera)
Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Dacus dorsalis (Diptera)
Noropsis hieroglyphica (Lepidoptera)
Pagiocerus frontalis (Coleoptera)
Stenomoma catenifer (Lepidoptera)
Tetralicia abnormis (Homoptera)
Trialeurodes similis (Homoptera)
Trioza anceps (Homoptera)

PETROSELINUM:

Euleia heraclei (Diptera)

PHALAENOPSIS:

Lindingaspis tingi (Homoptera)

PHASEOLUS:

Acanthoscelides multisignatus (Coleoptera)
A. obrepus (Coleoptera)
A. obvelatus (Coleoptera)
Bruchus ervi (Coleoptera)
Callosobruchus analis (Coleoptera)
C. phaseoli (Coleoptera)
Conotelus mexicanus (Coleoptera)
Epinotia aporema (Lepidoptera)

Maruca testulalis (Lepidoptera)
Matsumuraes phaseoli (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Ozophora picturata (Hemiptera)

PHRAGMITES:

Chilo phragmitellus (Lepidoptera)
Gahaniola phragmitis (Hymenoptera)
Giraudiella inclusa (Diptera)

PHYSALIS:

Rhagoletis striatella (Diptera)

PICEA:

Ernobius abietis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Laspeyresia strobilella (Lepidoptera)
Megastigmus strobilobius (Hymenoptera)
Plemeliella abietina (Diptera)

PINUS:

Dichocrocis punctiferalis (Lepidoptera)
Laspeyresia strobilella (Lepidoptera)
Leucaspis loewi (Homoptera)
L. pusilla (Homoptera)
Pineus harukawai (Homoptera)
Thecodiplosis brachytera (Diptera)

PIPER:

Rhaebothrips lativentris (Thysanoptera)

PISTACIA:

Lepidosaphes pistaciae (Homoptera)
Megastigmus pistaciae (Hymenoptera)
Schneidereria pistacicola (Lepidoptera)
Trogoderma granarium (Coleoptera)
Xyleborus eurygraphus (Coleoptera)

PISUM:

Callosobruchus rhodesianus (Coleoptera)
Everes comyntas (Lepidoptera)
Trogoderma granarium (Coleoptera)

PLATYCERIUM:

Pheidole megacephala (Hymenoptera)

PLEIONE:

Coccus viridis (Homoptera)

PLUMERIA:

Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Haptognathus pacificus (Coleoptera)

PORTULACA:

Cydnoides albipennis (Hemiptera)

PROSOPIS:

Laspeyresia membra (Lepidoptera)

PROTEA:

Genuchus hottentotus (Coleoptera)
Pria antennata (Coleoptera)
Rhopalimorpha lineolaris (Hemiptera)
Synaptothrips distinctus (Thysanoptera)
S. gezinae (Thysanoptera)

PRUNUS:

Anastrepha ludens (Diptera)
Carpophilus lugubris (Coleoptera)
Ceratitidis capitata (Diptera)
Epiphyas postvittana (Lepidoptera)
Eurytoma amygdali (Hymenoptera)
Furcipes rectirostris (Coleoptera)
Grapholitha funebrana (Lepidoptera)
Rhagoletis cerasi (Diptera)
Spilostethus saxatilis (Hemiptera)
Trogoderma granarium (Coleoptera)

PSIDIUM:

Aleuroplatus variegatus (Homoptera)
Aleurotrachelus trachoides (Homoptera)
Anastrepha ludens (Diptera)
A. mombinpraeroptans (Diptera)
A. serpentina (Diptera)
A. striata (Diptera)
A. suspensa (Diptera)
Argyresthia eugeniella (Lepidoptera)
Carpophilus fumatus (Coleoptera)
Ceratitidis capitata (Diptera)
Dacus dorsalis (Diptera)
Lobiopa insularis (Coleoptera)
Tetralicia abnormis (Homoptera)
Trialeurodes similis (Homoptera)

PUNICA:

Anastrepha ludens (Diptera)
Cacoecimorpha pronubana (Lepidoptera)
Cadra calidella (Lepidoptera)
Ceratitidis capitata (Diptera)
Cryptoblables gnidiella (Lepidoptera)
Cryptophebia leucotreta (Lepidoptera)
Dacus dorsalis (Diptera)
Nipaeococcus vastator (Homoptera)
Oecanthus argentinus (Orthoptera)
Paracoccus ferrisi (Homoptera)

PYRUS:

Anastrepha ludens (Diptera)
A. serpentina (Diptera)
Ceratitidis capitata (Diptera)
Crisicoccus matsumotoi (Homoptera)

QUERCUS:

Callirhytis glandium (Hymenoptera)
Cynips quercuscalicis (Hymenoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
Scolytus intricatus (Coleoptera)
Tetraleurodes perileuca (Homoptera)

RAPHANUS:

Conotelus mexicanus (Coleoptera)

RHODODENDRON:

Metaleurodicus manni (Homoptera)

RHUS:

Nothris sabinella (Lepidoptera)

ROSA:

Acyrtosiphon dirhodum (Homoptera)
Aleurodicus capianga (Homoptera)
Ardis sulcata (Hymenoptera)
Arge ochropa (Hymenoptera)
Cacoecimorpha pronubana (Lepidoptera)
Chaitosiphon tetraerhodum (Homoptera)
Cladardis elongatula (Hymenoptera)
Cladius pectinicornis (Hymenoptera)
Euphoria kerni (Coleoptera)
E. texana (Coleoptera)
Macrosiphum fragariae (Homoptera)
M. ibarae (Homoptera)
Rhagoletis alternata (Diptera)

ROSMARINUS:

Chrysolina americana (Coleoptera)

RUBUS:

Asterobemisia avellanae (Homoptera)

RUTA:

Conotelus mexicanus (Coleoptera)

SACCHARUM:

Chilo loftini (Lepidoptera)
Cryptophlebia schistaceana (Lepidoptera)
Diatraea considerata (Lepidoptera)
Haptoncus luteolus (Coleoptera)
Opogona sacchari (Lepidoptera)
Rhabdoscelus obscurus (Coleoptera)
Saccharicoccus sacchari (Homoptera)

SALVIA:

Aylax salviae (Hymenoptera)

SCHINUS:

Lithraeus atronotatus (Coleoptera)

SECHIUM:

Dacus cucurbitae (Diptera)
Euphoria leucographa (Coleoptera)

SESBANIA:

Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)

SEBASTIANA:

Carpocapsa saltitans (Lepidoptera)

SOLANUM:

Epicaerus cognatus (Coleoptera)
Leucinodes orbonalis (Lepidoptera)
Meligethes serripes (Coleoptera)
Neoleucinodes elegantalis (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)

SORGHUM:

Haptoncus luteolus (Coleoptera)
Megacerus impiger (Coleoptera)
Prostephanus truncatus (Coleoptera)
Sesamia cretica (Lepidoptera)

SPARTIUM:

Bruchidius ater (Coleoptera)

SPONDIAS:

Anastrepha mombinpraepotans (Diptera)
Clavaspis herculeana (Homoptera)

STERCULIA:

Trogoderma granarium (Coleoptera)

STRELITZIA:

Opogona sacchari (Lepidoptera)

STRONGYLODON:

Maruca testulalis (Lepidoptera)

SWIETENIA:

Anypsipyla univittella (Lepidoptera)
Carpophilus obsoletus (Coleoptera)

TAGETES:

Trupanea vicina (Diptera)

TAMARINDUS:

Caryedon serratus (Coleoptera)
Planococcus lilacinus (Homoptera)
Mimosestes dominicanus (Coleoptera)

TECTONA:

Carpophilus obsoletus (Coleoptera)

TERMINALIA:

Anastrepha mombinpraepotans (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitidis capitata (Diptera)
Dacus dorsalis (Diptera)
Lobiopa insularis (Coleoptera)

THEOBROMA:

Carpophilus obsoletus (Coleoptera)

TILLANDSIA:

Arphia pseudonietana (Orthoptera)
Ozophora picturata (Hemiptera)

TRIGONELLA:

Cadra calidella (Lepidoptera)

TRIPSACUM:

Diatraea busckella (Lepidoptera)

TULIPA:

Carpophilus obsoletus (Coleoptera)

VANDA:

Nysius caledoniae (Hemiptera)
N. kinbergi (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Planococcus lilacinus (Homoptera)
Protactia fusca (Coleoptera)

VERNONIA:

Craspedoxantha marginalis (Diptera)
Eublemma cochylioides (Lepidoptera)

VERTICORDIA:

Pseudanaphothrips achaetus (Thysanoptera)

VICIA:

Bruchus tristiculus (Coleoptera)
B. tristis (Coleoptera)
Epinotia aporema (Lepidoptera)

VIGNA:

Epinotia aporema (Lepidoptera)

VIOLA:

Aleyrodes fragariae (Homoptera)

VIOLA:

Haptoncus luteolus (Coleoptera)

VITIS:

Blapstinus punctulatus (Coleoptera)
Bruchidius obscuripes (Coleoptera)
Exitianus capicola (Homoptera)
Grammephorus minor (Coleoptera)
Gryllotalpa africana (Orthoptera)
Lema bilineata (Coleoptera)
Lobesia botrana (Lepidoptera)
Naphius apicalis (Hemiptera)
Naupactus xanthographus (Coleoptera)

VOANDZEIA:

Callosobruchus subinnotatus (Coleoptera)

ZAMIA:

Dasydactylus sellatus (Coleoptera)

ZEA:

Carpophilus lugubris (Coleoptera)
Colopterus macropterus (Coleoptera)
Conotelus conicus (Coleoptera)
C. mexicanus (Coleoptera)

Cryptophlebia leucotreta (Lepidoptera)Haptoncus luteolus (Coleoptera)Lobiopa insularis (Coleoptera)Moodna bisinuella (Lepidoptera)Ostrinia nubilalis (Lepidoptera)Pagiocerus frontalis (Coleoptera)

ZINGIBER:

Aspidiella hartii (Homoptera)A. zingiberi (Homoptera)

ZIZYPHUS:

Carpomyia incompleta (Diptera)

INSECTS INTERCEPTED WITH HOSTS UNKNOWN

AIRCRAFT:

Achaea janata (Lepidoptera)
Achryson surinamum (Coleoptera)
Acontia lucida (Lepidoptera)
Acrida willemsi (Orthoptera)
Acrolophus plumifrontellus (Lepidoptera)
A. popeanellus (Lepidoptera)
Acrometopa macropoda (Orthoptera)
Adoneta bicaudata (Lepidoptera)
Adoretus sinicus (Coleoptera)
Aeoneolamia lepidior (Homoptera)
A. reducta (Homoptera)
Aethus indicus (Hemiptera)
Afrius purpureus (Hemiptera)
Agallia vidua (Homoptera)
Agrotis pronuba (Lepidoptera)
A. repleta (Lepidoptera)
Agrypnus binodulus (Coleoptera)
Aiolopus thalassinus tamulus (Orthoptera)
Aiteta damnipennis (Lepidoptera)
Albara japonica (Lepidoptera)
Aletia formosana (Lepidoptera)
A. hamifera (Lepidoptera)
Alkindus atratus (Hemiptera)
Amphicerus cornutus (Coleoptera)
Amphimallon majalis (Coleoptera)
Amyna punctum (Lepidoptera)
Anacuerna centrolineata (Homoptera)
Ancognatha scarabaeoides (Coleoptera)
Anicla infecta (Lepidoptera)
Anigraea albomaculata (Lepidoptera)
Anomala albopilosa (Coleoptera)
A. cuprea (Coleoptera)
A. innuba (Coleoptera)
A. orientalis (Coleoptera)
A. rufocuprea var. violacea (Coleoptera)
Anticarsia irrorata (Lepidoptera)
Anua coronata (Lepidoptera)
Anurogryllus muticus (Orthoptera)
Aphodius parvus (Coleoptera)
A. sallei (Coleoptera)
Araecorynus cumingi (Coleoptera)
Arcte coerula (Lepidoptera)
Argyrogramma albostriata (Lepidoptera)
Arvelius albopunctatus (Hemiptera)
Ascalapha odorata (Lepidoptera)
Ataenius exiguus (Coleoptera)
A. picinus (Coleoptera)
Atethmia repanda (Lepidoptera)
Atractomorpha sinensis (Orthoptera)
Aulacophora lewisii (Coleoptera)
Autographa gamma (Lepidoptera)
Azeta repugnalis (Lepidoptera)
Balciutha floridana (Homoptera)
B. hebe (Homoptera)
B. rufofasciata (Homoptera)
Barathra curialis (Lepidoptera)
Belenus dentatus (Hemiptera)
Blenina donans (Lepidoptera)
Blissus insularis (Hemiptera)
Bombotelia jocosatrix (Lepidoptera)
Bomolocha amica (Lepidoptera)
Bothynus cuniculus (Coleoptera)
B. gibbosus (Coleoptera)
B. neglectus (Coleoptera)
B. subtropicus (Coleoptera)

Brachycaudus helichrysi (Homoptera)
Brachytrupes portentosus (Orthoptera)
Calliptamus italicus (Orthoptera)
Callosobruchus phaseoli (Coleoptera)
Calospilos miranda (Lepidoptera)
Carpophilus obsoletus (Coleoptera)
C. pilosellus (Coleoptera)
Carnecephala flavipes (Homoptera)
Caryedon serratus (Coleoptera)
Ceratitis capitata (Diptera)
Chalciope hypassia (Lepidoptera)
Chalcolepidius silbermanni (Coleoptera)
Chorizagrotis auxiliariis (Lepidoptera)
Chlorotettix fraterculus (Homoptera)
C. tunicatus (Homoptera)
C. viridius (Homoptera)
Chorthippus bicolor (Orthoptera)
Chrysoptera festata (Lepidoptera)
Chrysoptera combinans (Lepidoptera)
Cicadella viridis (Homoptera)
Cladocerotis optabilis (Lepidoptera)
Cligenes distinctus (Hemiptera)
Conoderus bifoveatus (Coleoptera)
C. scalaris (Coleoptera)
Coptosoma xanthogramma (Hemiptera)
Coptotermes formosanus (Isoptera)
Coryphosima stenoptera (Orthoptera)
Cotinis nitida (Coleoptera)
Cyclocephala signaticollis (Coleoptera)
C. villosa (Coleoptera)
Cydnus nigritus (Hemiptera)
Cyrtepistomus castaneus (Coleoptera)
Dargida graminivora (Lepidoptera)
Delphacodes gluciophila (Homoptera)
D. humilis (Homoptera)
D. nigra (Homoptera)
D. propinqua (Homoptera)
D. puella (Homoptera)
Deltoccephalus distinctus (Homoptera)
D. subviridis (Homoptera)
Dicranotropis muiri (Homoptera)
D. nagaragawana (Homoptera)
Dilophus febrilis (Diptera)
Dinara combusta (Lepidoptera)
Dioxyna picciola (Diptera)
Draeculacephala clypeata (Homoptera)
D. inscripta (Homoptera)
D. producta (Homoptera)
Ducetia japonica (Orthoptera)
Edessa cornuta (Hemiptera)
Elaphria chalcadonia (Lepidoptera)
Elasmolomus sordidus (Hemiptera)
Enaphalodes atomarius (Coleoptera)
Endria inimica (Homoptera)
Emmonodia unistrigata (Lepidoptera)
Ephyrodes cacata (Lepidoptera)
Epilachna dentulata (Coleoptera)
Ericela inangulata (Lepidoptera)
Eublemma "anachoresis" (Lepidoptera)
E. dimidiata (Lepidoptera)
Euclidisema mygdon (Lepidoptera)
Eutheola humilis (Coleoptera)
E. rugiceps (Coleoptera)
Eumaenas salamina (Lepidoptera)
Euphoria sepulchralis (Coleoptera)
Euproctis perpusillans (Lepidoptera)

AIRCRAFT (continued):

Euxoa segetum (Lepidoptera)
Exitianus obscurinervis (Homoptera)
E. taeniaticeps (Homoptera)
Galgula partita (Lepidoptera)
Geniatus panamensis (Coleoptera)
Geotomus pygmaeus (Hemiptera)
Gesonia obeditalis (Lepidoptera)
Gesonula punctifrons (Orthoptera)
Glycyphana fulvistemma (Coleoptera)
Graminella nigrifrons (Homoptera)
G. nigripennis (Homoptera)
G. villica (Homoptera)
Grammodes geometrica (Lepidoptera)
G. geometrica orientalis (Lepidoptera)
Granida albolineata (Coleoptera)
Graphocephala versuta (Homoptera)
Cryllotalpa africana (Orthoptera)
Cryllus assimilis (Orthoptera)
C. bimaculatus (Orthoptera)
C. capitatus (Orthoptera)
Hadena reticulata (Lepidoptera)
Haldorus sexpunctatus (Homoptera)
Haptoncus reflexicollis (Coleoptera)
Heliocontia apicalis (Lepidoptera)
Heliothis armigera (Lepidoptera)
Helochara argentina (Homoptera)
Heraeus guttatus (Hemiptera)
Hermonassa cecilia (Lepidoptera)
Herpetogramma licarsisalis (Lepidoptera)
Heterachthes pallidus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Heteropsylla fusca (Homoptera)
Hippiscus rugosus (Orthoptera)
Homoeogryllus tessellatus (Orthoptera)
Homoeoxiphus lycoides (Orthoptera)
Hortensia similis (Homoptera)
Hybosorus illigeri (Coleoptera)
Hypenopsis macula (Lepidoptera)
Inazuma dorsalis (Homoptera)
Lachnopus curvipes (Coleoptera)
Lacinipolia stricta (Lepidoptera)
Lawana guttifascia var. obliqua (Homoptera)
Leptura obliterata (Coleoptera)
Leucania formosana (Lepidoptera)
L. yu (Lepidoptera)
Liocola speculifera (Coleoptera)
Liogenys macropelma (Coleoptera)
L. quadridens (Coleoptera)
Liriomyza schmidti (Diptera)
Lobiopa insularis (Coleoptera)
Locusta migratoria (Orthoptera)
Lophoptera ferrinalis (Lepidoptera)
L. illucida (Lepidoptera)
Loxoblemmus equestris (Orthoptera)
Lygocoris pabulinus (Hemiptera)
Macaria hebesata (Lepidoptera)
Macdunnoughia confusa (Lepidoptera)
Macrosteles fascifrons (Homoptera)
Malacopterus tenellus (Coleoptera)
Maladera castanea (Coleoptera)
Manopus biguttatus (Coleoptera)
Maruca testulalis (Lepidoptera)
Meconema thalassinum (Orthoptera)
Mecopoda elongata (Orthoptera)
Megalonotus nitidicollis (Hemiptera)
Melanaethus spinolai (Hemiptera)
Melanoplus sanguinipes (Orthoptera)
Melipotis acontioides (Lepidoptera)
Melolontha japonica (Coleoptera)
M. melolontha (Coleoptera)
Mesoneura opaca (Hymenoptera)
Metamasius hemipterus hemipterus (Coleoptera)
Mimela holosericea (Coleoptera)
M. splendens (Coleoptera)
Mocis frugalis (Lepidoptera)
M. undata (Lepidoptera)
Modicogryllus confirmatus (Orthoptera)
M. conspersus (Orthoptera)
M. siamensis (Orthoptera)
Naranga aenescens (Lepidoptera)

Negosiana miliaris (Homoptera)
Neoconocephalus triops (Orthoptera)
Nephotettix apicalis (Homoptera)
N. cincticeps (Homoptera)
N. impicticeps (Homoptera)
Nilaparvata lugens (Homoptera)
Nisia atroventrosa (Homoptera)
Noropsis hieroglyphica (Lepidoptera)
Notobitus meleagris (Hemiptera)
Ochropleura triangularis (Lepidoptera)
Ophiusa indiscriminata (Lepidoptera)
Oraesia emarginata (Lepidoptera)
Orthogramma coppyi (Lepidoptera)
Oxyctonia jacunda (Coleoptera)
Oxyodes scrobiculata (Lepidoptera)
Pachybrachius nietneri (Hemiptera)
Pangraptia ingrata (Lepidoptera)
Pantylia metaspila (Lepidoptera)
Panula scindens (Lepidoptera)
Parabucrates clausus (Orthoptera)
Parallelia algria (Lepidoptera)
P. fulvotaenia (Lepidoptera)
P. palumba (Lepidoptera)
P. stuposa (Lepidoptera)
Paraluperodes suturalis (Coleoptera)
Paraphlepsius irroratus (Homoptera)
P. isidus (Homoptera)
Paraulacizes irrorata (Homoptera)
Paroecanthus annulatus (Orthoptera)
Patanga succincta (Orthoptera)
Paulinia acuminata (Orthoptera)
Phaloe cruenta (Lepidoptera)
Phaneroptera falcata (Orthoptera)
P. furcifera (Orthoptera)
Pheidole megacephala (Hymenoptera)
Phlegetonia delatrix (Lepidoptera)
Phlyctaenia tyres (Lepidoptera)
Physopelta slanbuschii (Hemiptera)
Platyleura kaempferi (Homoptera)
P. nobilis (Homoptera)
Platysenta illecta (Lepidoptera)
Plautia crossota (Hemiptera)
Plebeiogryllus guttiventris (Orthoptera)
Plecia nearctica (Diptera)
Polia consanguis (Lepidoptera)
Polydesma terminigera (Lepidoptera)
P. umbricola (Lepidoptera)
Ponometia costalis (Lepidoptera)
Popillia japonica (Coleoptera)
P. lewisi (Coleoptera)
Potosia exasperata (Coleoptera)
Prodenia latifascia (Lepidoptera)
P. sunia (Lepidoptera)
Prokelisia setigera (Homoptera)
Protaetia acuminata (Coleoptera)
P. fusca (Coleoptera)
P. orientalis (Coleoptera)
Protalebrella brasiliensis (Homoptera)
Pseudaletia separata (Lepidoptera)
Pyropotosia pryeri (Coleoptera)
Rancora serraticornis (Lepidoptera)
Rhytidolomia saucia (Hemiptera)
Rivula sericealis (Lepidoptera)
Sardia pluto (Homoptera)
Scaphoidula denata (Homoptera)
Scapteriscus vicinus (Orthoptera)
Semiothisa hebesata (Lepidoptera)
S. pluviata (Lepidoptera)
Sesamia inferens (Lepidoptera)
Sideridis vitellina (Lepidoptera)
Simplicia niphona (Lepidoptera)
Sogata furcifera (Homoptera)
Spodoptera abyssinia (Lepidoptera)
S. litura (Lepidoptera)
S. mauritia (Lepidoptera)
S. pecten (Lepidoptera)
Stelidota strigosa (Coleoptera)
Stictoptera cucullioides (Lepidoptera)
Sympis rufibasis (Lepidoptera)
Syneda confirmans (Lepidoptera)
Tafalisca lurida (Orthoptera)

INSECTS INTERCEPTED WITH HOSTS UNKNOWN

AIRCRAFT (continued):

Teleogryllus mitratus (Orthoptera)
T. testaceus (Orthoptera)
Tetrapriocera longicornis (Coleoptera)
Tithraustes longipennis (Lepidoptera)
Trachea atriplicis gnoma (Lepidoptera)
Tretogonia conspersa (Homoptera)
Trichoplusia oxygramma (Lepidoptera)
Trigonidium cicindeloides (Orthoptera)
Triphosa haesitata (Lepidoptera)
Tryporyza incertulas (Lepidoptera)
Tylozygus fasciatus (Homoptera)
Utethesia pulchella (Lepidoptera)
Westermannia superba (Lepidoptera)
Xanthaciura insecta (Diptera)
Xanthanomis aurantiaca (Lepidoptera)
Xanthodes graellsii (Lepidoptera)
Xiphidiopsis lita (Orthoptera)
Xylomeira torquata (Coleoptera)
Xystrocera globosa (Coleoptera)
Zunacetha annulata (Lepidoptera)

AUTOMOBILE:

Euphoria kerni (Coleoptera)
E. leocographa (Coleoptera)
Exitianus picatus (Homoptera)
Microlarinus lareynii (Coleoptera)
Oxygryllus ruginasus (Coleoptera)
Plectrodera scalator (Coleoptera)
Popillia japonica (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Agrotis pronuba (Lepidoptera)
Araecorynus cumingi (Coleoptera)
Ceresium unicolor (Coleoptera)
Conoderus exsul (Coleoptera)
Coptosoma xanthogramma (Hemiptera)
Coptotermes formosanus (Isoptera)
Cryptotermes brevis (Isoptera)
Cydnoides albipennis (Hemiptera)
Dichromorpha viridis (Orthoptera)
Diocalandra taitensis (Coleoptera)
Elaphidion irroratum (Coleoptera)
Epicauta callosa (Coleoptera)
Euxoa crassa (Lepidoptera)
Gryllus assimilis (Orthoptera)
G. bimaculatus (Orthoptera)
G. capitatus (Orthoptera)
Herpetogramma licarsisalis (Lepidoptera)
Homoeogryllus japonicus (Orthoptera)
Hybosorus illigeri (Coleoptera)
Microporus obliquus (Hemiptera)
Mimela splendens (Coleoptera)
Nemobius sylvestris (Orthoptera)
Neoconocephalus triops (Orthoptera)
Noropsis hieroglyphica (Lepidoptera)
Oxygryllus ruginasus (Coleoptera)
Pachybrachius basalis (Hemiptera)
Phaneroptera furcifera (Orthoptera)
Pheidole megacephala (Hymenoptera)
Protaetia fusca (Coleoptera)
Sybra alternans (Coleoptera)
Taeniopoda varipennis (Orthoptera)
Tylocentrus reticulatus (Homoptera)
Xylotrechus arvicola (Coleoptera)
Xylotrupes gideon (Coleoptera)

BAGGING:

Trogoderma granarium (Coleoptera)

CARGO:

Acrida exaltata (Orthoptera)
Acrosternum heegeri (Hemiptera)
Aethus indicus (Hemiptera)
Aiolopus thalassinus tamulus (Orthoptera)
Amicta quadrangularis (Lepidoptera)
Amphimallon solstitialis (Coleoptera)
Asemum nitidum (Coleoptera)
Aspilates ochrearia (Lepidoptera)

Brachytrupes portentosus (Orthoptera)
Bruchus tristiculus (Coleoptera)
Callidium rufipenne (Coleoptera)
Calogramma festiva (Lepidoptera)
Cantacader quinquecostatus (Hemiptera)
Ganthon violaceus (Coleoptera)
Carpophilus pilosellus (Coleoptera)
Cicadella viridis (Homoptera)
Coptotermes formosanus (Isoptera)
Cryptotermes brevis (Isoptera)
Cyclocephala dimidiata (Coleoptera)
Cydnus lepidus (Hemiptera)
Dacus costalis (Diptera)
Dallasiellus lugubris (Hemiptera)
Delphacodes pacifica (Homoptera)
D. puella (Homoptera)
Eugasteroides loricatus (Orthoptera)
Gryllotalpa africana (Orthoptera)
Gryllus bimaculatus (Orthoptera)
Haplotinea ditella (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Heteropternis respondens (Orthoptera)
Heterotermes convexinotatus (Isoptera)
Homoeoxipha lycoides (Orthoptera)
Inazuma dorsalis (Homoptera)
Mecopoda elongata (Orthoptera)
Melolontha melolontha (Coleoptera)
Metopoplax ditomoides (Hemiptera)
Modicogryllus confirmatus (Orthoptera)
Nathrius brevipennis (Coleoptera)
Nephotettix apicalis (Homoptera)
N. cincticeps (Homoptera)
N. impicticeps (Homoptera)
Phaedon armoraciae (Coleoptera)
Pheidole megacephala (Hymenoptera)
Phlaeoba infumata (Orthoptera)
Pieris brassicae (Lepidoptera)
Pityophthorus pulicarius (Coleoptera)
Plebeiogryllus guttiventris (Orthoptera)
Plectris pavidia (Coleoptera)
Popillia japonica (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Sirex juvencus (Hymenoptera)
Teleogryllus mitratus (Orthoptera)
Trogoderma granarium (Coleoptera)
Veterna abyssinica (Hemiptera)
Xanthodes transversa (Lepidoptera)

CARGO HOLD:

Aeolus mellillus (Coleoptera)
Amphicerus anobioides (Coleoptera)
Callidium rufipenne (Coleoptera)
Carpophilus obsoletus (Coleoptera)
Caryedon serratus (Coleoptera)
Cordylomera spinicornis (Coleoptera)
Gryllus bimaculatus (Orthoptera)
Heterobostrychus aequalis (Coleoptera)
Leptocoris trivittatus (Hemiptera)
Monochamus teserula (Coleoptera)
Plagionotus arcuatus (Coleoptera)
Plebeiogryllus guttiventris (Orthoptera)
Sinoxylon conigerum (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Tomiscus piniperda (Coleoptera)
Trogoderma granarium (Coleoptera)

CONIFER CONE - UNIDENTIFIED:

Cadra calidella (Lepidoptera)

DEBRIS:

Aglossa caprealis (Lepidoptera)
Carpophilus obsoletus (Coleoptera)
C. pilosellus (Coleoptera)
Caryedon serratus (Coleoptera)
Corythaica venusta (Hemiptera)
Dysdercus flavolimbatus (Hemiptera)
Eucalandra setulosa (Coleoptera)
Haptoncus luteolus (Coleoptera)
Megacerus impiger (Coleoptera)
Trogoderma granarium (Coleoptera)

INSECTS INTERCEPTED WITH HOSTS UNKNOWN

DUNNAGE:

Callidium rufipenne (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Phloeosinus rudis (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Plagionotus arcuatus (Coleoptera)
Sinoxylon anale (Coleoptera)

FLOWERS:

Achaea janata (Lepidoptera)
Acyrtosiphon kerriae (Homoptera)
Adoretus sinicus (Coleoptera)
Ancognatha scarabaeoides (Coleoptera)
Atractomorpha sinensis (Orthoptera)
Brachycaudus helichrysi (Homoptera)
Brachyterolus pulicarius (Coleoptera)
Carpophilus fumatus (Coleoptera)
Conoderus exsul (Coleoptera)
Coptosoma xanthogramma (Hemiptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Meligethes aeneus (Coleoptera)
M. subrugosus (Coleoptera)
Oxycarenus maculatus (Hemiptera)
Oxydema fusiforme (Coleoptera)
Pheidole megacephala (Hymenoptera)
Recilia schmidtgeni (Homoptera)
Sesamia nonagrioides (Lepidoptera)
Stenoptilia stigmatodactyla (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Thrips coloratus (Thysanoptera)
T. flavus (Thysanoptera)
T. imagnis (Thysanoptera)
T. major (Thysanoptera)

FOLIAGE:

Conocephalus saltator (Orthoptera)

FRUIT - UNIDENTIFIED:

Ceratitis capitata (Diptera)
Maruca testulalis (Lepidoptera)

HERBS - UNIDENTIFIED:

Diaphania indica (Lepidoptera)
Lepidosaphes tubulorum (Homoptera)
Melanagromyza viridis (Diptera)

LEAF - UNIDENTIFIED

Aleurotrachelus jelinikii (Homoptera)
A. trachoides (Homoptera)
Aspidiotus destructor (Homoptera)
Dialeurodes tristylis (Homoptera)
Trialeurodes varia (Homoptera)

MAIL:

Adoretus sinicus (Coleoptera)
Ancognatha scarabaeoides (Coleoptera)
Conoderus exsul (Coleoptera)
Cryptotermes brevis (Isoptera)
Euphoria kerni (Coleoptera)
Gryllus bimaculatus (Orthoptera)
G. capitatus (Orthoptera)
Haptoncus luteolus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Metioche vittaticollis (Orthoptera)
Nasutitermes costalis (Isoptera)
Neoconocephalus triops (Orthoptera)
Nephotettix impicticeps (Homoptera)
Pyropotosia pryeri (Coleoptera)
Teleogryllus oceanicus (Orthoptera)
Tricorynus tabaci (Coleoptera)
Xiphidiopsis lita (Orthoptera)

MOSS - UNIDENTIFIED:

Cymus angustatus (Hemiptera)
Leptopharsa furculata (Hemiptera)

PASSENGER:

Chrysomela texana (Coleoptera)

PACKING MATERIAL:

Chorizococcus rostellum (Homoptera)

PLANTS - UNIDENTIFIED:

Agonoscena succincta (Homoptera)
Argyrogramma verruca (Lepidoptera)
Bemisia tabaci (Homoptera)
Pinnaspis uniloba (Homoptera)

QUARTERS:

Adoretus sinicus (Coleoptera)
Anastrepha suspensa (Diptera)
Aphalara calthae (Homoptera)
Atethmia repanda (Lepidoptera)
Chlorotettix viridius (Homoptera)
Cryptotermes brevis (Isoptera)
Cylas formicarius elegantulus (Coleoptera)
Dyscinetus dytiscoides (Coleoptera)
D. morator (Coleoptera)
Eupteryx triangularis (Homoptera)
Phyllophaga bruneri (Coleoptera)
Pseudoplusia includens (Lepidoptera)
Psylla alni (Homoptera)
Rhytidoporus indentatus (Hemiptera)
Sirex juvencus (Hymenoptera)
Tetrapriocera longicornis (Coleoptera)

RAILROAD CAR:

Brochymena tenebrosa (Hemiptera)
Chlorotettix scutellatus (Homoptera)
Oxygryllus ruginasus (Coleoptera)

SEED - UNIDENTIFIED:

Araecorynus cumingi (Coleoptera)
Callosobruchus rhodesianus (Coleoptera)
Carpophilus ligneus (Coleoptera)
Frankliniella intonsa (Thysanoptera)
Meligethes aeneus (Coleoptera)
Spermophagus sericeus (Coleoptera)
Scelidota strigosa (Coleoptera)

SHIP:

Bucrates capitatus (Orthoptera)

SOIL:

Pheidole megacephala (Hymenoptera)

STRAW - UNIDENTIFIED:

Aglossa caprealis (Lepidoptera)

STORES:

Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
Callosobruchus analis (Coleoptera)
Trogoderma granarium (Coleoptera)

VEGETABLES:

Lampides boeticus (Lepidoptera)
Namestra brassicae (Lepidoptera)
Scapsipedus marginatus (Orthoptera)

WOOD:

Acanthoderes circumflexa (Coleoptera)
Apate monachus (Coleoptera)
Arhopalus rusticus (Coleoptera)
A. rusticus rusticus (Coleoptera)
Bostrychophilus cornutus (Coleoptera)
Coptotermes formosanus (Isoptera)
Cossus cossus (Lepidoptera)
Cryptotermes brevis (Isoptera)
Dinoderus brevis (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
H. brunneus (Coleoptera)
Hylotrupes bajulus (Coleoptera)
Hylurgus ligniperda (Coleoptera)
Ips acuminatus (Coleoptera)
I. plastographus (Coleoptera)

INSECTS INTERCEPTED WITH HOSTS UNKNOWN

WOOD (continued):

Minthea rugicollis (Coleoptera)
Nasutitermes rippertii (Isoptera)
Neoterme castaneus (Isoptera)
Orthotomicus erosus (Coleoptera)
Pieris brassicae (Lepidoptera)
Pityogenes chalcographus (Coleoptera)
P. quadridens (Coleoptera)
Platypus rugulosus (Coleoptera)
Rhopalophora incrustata (Coleoptera)

Saperda carcharias (Coleoptera)
Scolytus intricatus (Coleoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Tomicus piniperda (Coleoptera)
Xyleborus eurygraphus (Coleoptera)
Xylopsocus capucinus (Coleoptera)
Xylothrips flavipes (Coleoptera)

COUNTRIES OF ORIGIN AND INSECTS

AMERICAN SAMOA:

Anticarsia irrorata

ANGOLA:

Ceratitis capitata
Cryptophlebia leucotreta
Hypothenemus hampei

ANTIGUA:

Aleurodicus capianga
Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Heterotermes convexinotatus

AFRICA (country-?):

Hypothenemus hampei
Lindingaspis rossi
Mussidia nigrivenella
Pectinophora gossypiella
Sinoxylon conigerum
Trogoderma granarium

ARGENTINA:

Ceratitis capitata
Colopterus macropterus
Exitianus obscurinervis
Gymnandrosoma aurantium
Naupactus xanthographus
Stenoma catenifer

ARUBA:

Neoleucinodes elegantalis

ASIA (country-?):

Acontia lucida
Acrolophus popeanellus
Adoneta bicaudata
Adoretus sinicus
Aethus indicus
Agrypnus binodulus
Aiolopus thalassinus tamulus
Albara japonica
Aletia formosana
Amyna punctum
Anicla infecta
Anomala orientalis
A. rufocuprea var. violacea
Anua coronata
Arcte coerulea
Belenus dentatus
Blenina donans
Brachytripes portentosus
Callosobruchus phaseoli
Calospilos miranda
Chalciope hypassia
Chrysaspida festata
Chrysopera combinans
Cicadella viridis
Coptotermes formosanus
Cotinis nitida
Cydnus nigritus
Delphacodes propinqua
Deltocephalus distinctus
D. subviridis
Dicranotropis muiri
Ducetia japonica
Elasmolomus sordidus
Epilachna dentulata
Ericcia inangulata
Eublemma dimidialis
Euclidisema mygdon
Eumaenas salamina
Frankliniella formosae
Galgula partita
Geotomus pygmaeus
Graminella nigrifrons
Grammodes geometrica
G. geometrica orientalis
Gryllotalpa africana
Gryllus bimaculatus
Heliothis armigera
Heterobostrychus aequalis
Hippiscus rugosus
Homoeoxiphus lycoides
Inazuma dorsalis
Lacinipolia stricta
Lawana guttifascia var. obliqua

Leptura obliterata

Leucania formosana

L. yu

Liocola speculifera

Lophoptera ferrinalis

Loxoblemmus equestris

Macrosiphum ibarae

Maladera castanea

Mecopoda elongata

Melanoplus sanguinipes

Melipotis acontioidea

Melolontha japonica

Mimela splendens

Minthea rugicollis

Mocis frugalis

M. undata

Modicogryllus confirmatus

M. siamensis

Neoconocephalus triops

Nephotettix apicalis

N. cincticeps

N. impicticeps

Nilaparvata lugens

Nisia atroventrosa

Oxycetonia jacunda

Oxyodes scrobiculata

Pachybrachius nietneri

Pantylidia metaspila

Parallelia fulvotaenia

Paraluperodes suturalis

Parlatoria zizyphus

Phaneroptera furcifera

Physopelta slambuschii

Platyleura nobilis

Platysenta illecta

Plautia crossota

Plebeiogryllus guttiventris

Plectrichophorus glandulosus

Polydesma terminigera

P. umbricola

Popillia japonica

P. lewisi

Potosia exasperata

Protaetia acuminata

P. fusca

Pyropotosia pryeri

Rancora serraticornis

Rhytidolomia saucia

Semiothisa hebesata

Sesamia inferens

Simplicia niphona

Sinoxylon conigerum

Sogata furcifera

Spodoptera abyssinica

S. litura

S. mauritia

S. pecten

Taeniothrips hawaiiensis

Teleogryllus mitratus

T. testaceus

Trachea atriplicis gnoma

Trichoplusia oxygramma

Trogoderma granarium

Tryporiza incertulas

Unaspis yanonensis

Utethesia pulchella

Xanthodes transversa

AUSTRALIA:

Chorotingis indigena

Cryptorhynchus mangiferae

Epiphyas postvittana

Euaulana austrina

Gnorimoschema plaesiosema

Haptoncus californicus

Orchamoplatus citri

Parlatoria zizyphus

Pheidole megacephala

Pseudanaphothrips achaetus

Siphanta acuta

Thrips imarginis

Unaspis yanonensis

AUSTRIA:

Bruchidius ater
Chilo phragmitellus
Cladardis elongatula
Gahaniola phragmitis
Giraudiella inclusa
Grapholitha funebrana
Laspeyresia strobilella
Megastigmus strobilobius
M. suspectus
Plemeliella abietina

AZORES:

Aleyrodes prolella
Brachypterolus pulicarius
Bruchus striticulus
Carpophilus fumatus
Ceratitis capitata
Pseudotorymus militaris
Sesamia nonagrioides
Silba virescens

BAHAMAS:

Aleuroglandulus subtilis
Anastrepha suspensa
Balclutha floridana
B. rufofasciata
Bothynus cuculicus
B. subtropicus
Carneocephala flavipes
Chlorotettix fraterculus
C. tunicatus
C. viridius
Coccus viridis
Cryptotermes brevis
Davara caricae
Delphacodes propinqua
D. puella
Dichromorpha viridis
Draeculacephala inscripta
Elaphidion irroratum
Endria inimica
Euphoria sepulchralis floridana
Graphocephala versuta
Haldorus sexpunctatus
Heraeus guttatus
Lobiopa insularis
Nasutitermes rippertii
Neotermes castaneus
Paraphlepsius irroratus
Plectia nearctica
Protalebrella brasiliensis
Pseudoplusia includens
Rhytidoporus indentatus
Tafalisca lurida
Tetrapriocera longicornis
Xylomeira torquata

BARBADOS:

Anastrepha mombinpraeoptans
Aspidiella hartii
Callosobruchus phaseoli
Pectinophora gossypiella

BELGIUM:

Acrolepia assectella
Maestra brassicae
Scolytus intricatus
Trogoderma granarium

BERMUDA:

Cryptoblabes gnidiella

BOLIVIA:

Neoleucinodes elegantalis
Symmetrischema capsicum

BRAZIL:

Anacuerna centrolineata
Aspidiotus destructor
Ataenius picinus
Aulacaspis tubercularis
Carpophilus pilosellus
Ceratitis capitata
Euscepes postfasciatus
Gymnandrosoma aurantium
Haptoncus luteolus

COUNTRIES OF ORIGIN AND INSECTS

BRAZIL (continued):

Hemiberlesia palmae
Hypothenemus hampei
Melanaspis paulista
Mycetaspis personata
Parlatoria cinerea
Pectinophora gossypiella
Platypus rugulosus
Pseudaonidia trilobitiformis

BRITISH HONDURAS:

Mycetaspis personata
Nasutitermes nigriceps
Pheidole megacephala
Vinsonia stellifera

CAMEROON:

Cordylomera spinicornis
Hypothenemus hampei

CANADA:

Brachycaudus helichrysi

CANARY ISLANDS:

Lobesia botrana

CAPE VERDE ISLANDS:

Caryedon serratus

CAYMAN ISLANDS:

Pachybrachius intermedius

CENTRAL AMERICA (country-?):

Geniastes panamensis

CEYLON:

Dinoderus brevis
Heterobostrychus aequalis
Minthea rugicollis
Sinoxylon conigerum
Xylothrips flavipes

CHILE:

Blapstinus punctulatus
Conoderus rufangulus
Epinotia aporema
Grammephorus minor
Gryllus capitatus
Helochara argentina
Lema bilineata
Stenoma catenifer

CHINA:

Minthea rugicollis

COLOMBIA:

Acutaspis albopicta
Aleurocanthus woglumi
Aleurodicus pulvinatus
Anastrepha mombinpraeoptans
Ancognatha scarabaeoides
Cannagara aorisaria
Cerconota anonella
Cligenes distinctus
Dargida graminivora
Diatraea busckella
Draeculacephala clypeata
Epinotia aporema
Euetheola humilis
Heterobostrychus aequalis
Hortensia similis
Liriomyza schmidti
Manopus biguttatus
Neoleucinodes elegantalis
Noropsis hieroglyphica
Pagiocerus frontalis
Parlatoria zizyphus
Plectris pavidia
Stenoma catenifer

COSTA RICA:

Acanthoderes circumflexa
Acutaspis umbonifera
Anastrepha mombinpraeoptans
Aspidiotus destructor
Carpophilus ligneus
Ceratitidis capitata
Coptocycla atroannulus
Cryphula fasciata
Euphoria leucographa

Hemiberlesia palmae
Hybosorus illigeri
Liogenys macropelma
Melanaspis bromeliae
Metamasius hemipterus sericeus
Pheidole megacephala
Platypus rugulosus
Tithraustes longipennis
Vinsonia stellifera

CRETE:

Dacus oleae
Leucaspis riccae

CUBA:

Cryptotermes brevis
Cylas formicarius elegantulus
Gryllus assimilis
Hybosorus illigeri
Neoconocephalus triops

CURACAO:

Acutaspis reniformis
Orthezia praelonga

CYPRUS:

Ceratitidis capitata

CZECHOSLOVAKIA:

Ceratitidis capitata

DENMARK:

Megastigmus strobilobius
Plemeliella abietina
Taeniothrips atratus
Thrips major

DOMINICA:

Aleuroglandulus malangae
Aleurotrachelus trachoides

DOMINICAN REPUBLIC:

Aeneolamia reducta
Aleurocanthus woglumi
Aleuroplatus variegatus
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
A. suspensa
Aonidia lauri

Argyresthia eugeniella
Arvelius albopunctatus
Azeta repugnalis

Canthon violaceus

Conotelus conicus

Cylas formicarius elegantulus

Davara caricae

Haptoncus luteolus

Heteropsylla fusca

Hybosorus illigeri

Melanaethus spinolai

Mimosestes dominicanus

Neoconocephalus triops

Noropsis hieroglyphica

Pectinophora gossypiella

Pseudopachymerina spinipes

Scapsipedus marginatus

Tetrapriocera longicornis

ECUADOR:

Agallia vidua
Anastrepha mombinpraeoptans
Brachycaudus helichrysi
Carpophilus lugubris
Cerconota anonella
Clavaspis herculeana
Cylas formicarius elegantulus
Delphacodes gluciophila
D. nigra
Epinotia aporema
Exitianus obscurinervis
Graminella villica
Gryllus capitatus
Macrosteles fascifrons
Negosiana miliaris
Neoleucinodes elegantalis
Nysius basalis
Pagiocerus frontalis
Parlatoria cinerea
Stenoma catenifer

EL SALVADOR:

Achryson surinamum
Acutaspis umbonifera
Anastrepha ludens
A. mombinpraeoptans
A. serpentina
A. striata
Aspidiotus destructor
Ceratitidis capitata
Dallasiellus lugubris
Dialeurodes egregissima
Hybosorus illigeri
Melanaspis aliena
Parabucrates clausus
Parlatoria cinerea
Pseudaonidia trilobitiformis
Stenoma catenifer
Tetraeurodes fici
Vinsonia stellifera

ENGLAND:

Brachycaudus helichrysi
Brachypterolus pulicarius
Cacoecimorpha pronubana
Ceratitidis capitata
Chaitosiphon tetrarhodus
Cladius pectinicornis
Euleia heraclei
Evergestis forficalis
Filippia viburni
Grapholita funebrana
Lygocoris pabulinus
Mamestra brassicae
Meconema thalassinum
Meligethes aeneus
Phytomyza rufipes
Rhagoletis cerasi
Thrips flavus

ETHIOPIA:

Afrus purpureus
Coryphosima stenoptera
Hypothenemus hampei
Trogoderma granarium

EUROPE (country-?):

Amphimallon majalis
Carpophilus obsoletus
Dilophus febrilis
Enaphalodes atomarius
Ernobius abletis
Frankliniella intonsa
Hylurgops palliatus
Leucaspis loewi
Nemobius sylvestris
Pityogenes chalcographus
Plagionotus arcuatus
Thrips major

FIJI:

Aspidiella hartii
Morganella longispina

FINLAND:

Plemeliella abietina

FORMOSA:

Carpophilus obsoletus
Coptotermes formosanus
Dinoderus brevis
Heterobostrychus aequalis
Megastigmus chamaecyparidis
Minthea rugicollis
Nilaparvata lugens
Parlatoria cinerea
P. zizyphus
Pheidole megacephala
Platypus rugulosus
Sesamia inferens
Spodoptera litura
Unaspis yanonensis
Xylothrips flavipes

FRANCE:

Acrolepia assectella
Agrotis pronuba
Aleurochiton pseudoplatani
Aleyrodes proletella

FRANCE (continued):

Ampimallon majalis
Asterobemisia avellanae
Bracnycaudus helichrysi
Cacoecimorpha pronubana
Ceratitidis capitata
Ceroplastes rusci
Cnortnippus bicolor
Luxoa setetum
Laspeyresia strobilella
amestra brassicae
Nelolontha melolontha
Orsillus maculatus
Orthotomicus erosus
Ostrinia nubilalis
Parlatoria cinerea
P. zizyphus
Periphyllus testudinatus
Pieris brassicae
Rhagoletis alternata
R. cerasi
Trogoderma granarium
Xylotrechus arvicola

FRENCH GUIANA:

Bucrates capitatus

GAMBIA:

Caryedon serratus

GERMANY:

Acrolepia assectella
Acyrtosiphon dirnodum
Ampimallon solstitialis
Ardis sulcata
Bracnycaudus helichrysi
Bruchus ervi
B. lentis
B. tristiculus
Carpophilus obsoletus
Cladardis elongatula
Cladius pectinicornis
Cyrtepistomus castaneus
Erbobius abietis
Euleia heraclei
Evergestis forficalis
Exitianus taeniaceps
Madena reticulata
Haplotinea ditella
Ips typographus
Laspeyresia strobilella
amestra brassicae
Megastigmus strobilobius
Meligethes aeneus
M. subrugosus
Mesoneura opaca
Phytomyza rufipes
Plemeliella abietina
Rhagoletis cerasi
Sirex juvenicus
Thecodiplosis brachyptera

GHANA:

Carpophilus obsoletus
Hypothenus nampoi
Leucinodes orbonalis

GREECE:

Aleurotrachelus jelinikii
Aonidia lauri
Aylax salviae
Bruchus ervi
B. lentis
B. signaticornis
Ceratitidis capitata
Cryptoblanes gnidiella
Curculio elephas
Dacus oleae
Dynaspidiotus abieticola
Euphyllura olivina
Eurytoma amygdali
Laspeyresia splendana
Lobesia botrana

Parlatoria zizyphus

Phloeotribus scarabaeoides
Pieris brassicae
Prays oleella
Pseudopachymerina spinipes
Recilia schmidtgeni
Schneidereria pistaciicola
Silba virescens
Tetrapriocera longicornis
Trialeurodes lauri
Veterna abyssinica

GRENADA:

Callosobruchus phaseoli
Nasutitermes costalis

GUAM:

Adoretus sinicus
Cryptorhynchus mangiferae
Haplothrips gowdeyi
Haptognathus pacificus
Lepidosaphes bladhaie
Maruca testulalis
Pheidole megacephala
Phlegetonia delatrix
Planococcus lilacinus
Spodoptera litura
S. mauritia
S. pecten
Taeniothrips hawaiiensis

GUATEMALA:

Abgrallaspis mendax
Acutaspis albopicta
A. umbonifera
Anastrepha ludens
A. mombinpraeoptans
A. serpentina
A. striata
Apateticus lineolatus
Aphodius sallei
Ascalapha odorata
Ceraleurodicus bakeri
Ceraspis pilatei
Conotrachelus aguacatae
Cryphula apicata
Dinaspis aculeata
Edessa bifida
Epinotia aporema
Gryllus assimilis
Megamelus longicornis
Melanaspis aliena
Metaleurodicus manni
Metamasius hemipterus sericeus
Mimosestes dominicanus
Nasutitermes ephratae
Parallelodiplosis cattleyae
Protopulvinaria longivalvata
Stenomoma catenifer
Symmetrischema capsicum
Vinsonia stellifera
Xanochalepus omogerus

GUINEA:

Parlatoria zizyphus

GUYANA:

Colopterus amputatus

HAITI:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Blissus insularis
Carpophilus obsoletus
Coccus viridis
Cylas formicarius elegantulus
Gryllus assimilis
Hybosorus illigeri
Parlatoria zizyphus
Pectinophora gossypiella
Sinoxylon conigerum
Terme hispaniolae
Tetrapriocera longicornis

HAWAII:

Achaea janata
Adoretus sinicus
Araecorynus cumingi
Atractomorpha sinensis
Caryedon serratus
Ceratitidis capitata
Ceresium unicolor
Ceroplastes rubens
Coccus viridis
Conocephalus saltator
Conoderus exsul
Conotelus mexicanus
Coptosoma xanthogramma
Coptotermes formosanus
Cryptophlebia illepipa
Cryptorhynchus mangiferae
Cryptotermes brevis
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Genaparlatoria pseudaspidiotus
Graptostethus manillensis
Haplothrips gowdeyi
Herpetogramma licarsalis
Lampides boeticus
Lepidosaphes tokionis
Lithraeus atronotatus
Maruca testulalis
Metioche vittaticollis
Neophyllaphis araucariae
Nysius caledoniae
N. kinbergi
Orchidophilus aterrimus
Oxydema fusiforme
Palmicultor palmarum
Parlatoria zizyphus
Pealius hibisci
Pectinophora gossypiella
Phaneroptera furcifera
Pheidole megacephala
Protoetia fusca
Pseudaulacaspis major
Rhabdoscelus obscurus
Rhipiphorotherips pulchellus
Sybra alternans
Taeniothrips hawaiiensis
Teleogryllus oceanicus
Thoracaphis fici
Xiphidiopsis lita
Xyleborus semiopacus

HONDURAS:

Acanthoscelides obvelatus
Acutaspis umbonifera
Aleurodicus dispersus
Anastrepha ludens
A. mombinpraeoptans
Apateticus lineolatus
Atethmia repanda
Cerconota anonella
Colopterus amputatus
Conotrachelus aguacatae
C. perseae
Cryphula apicata
Cymus guatemalanus
Euphoria basalis
Insara intermedia
Lycambes varicolor
Melanaspis aliena
Melanocoryphus admirabilis
Nasutitermes ephratae
Parlatoria cinerea
Pheidole megacephala
Ptochiomera nodosa
Temnaspidiotus excisus

COUNTRIES OF ORIGIN AND INSECTS

HONG KONG:

Adoretus sinicus
Aleurotuberculatus jasmini
Bemisia tabaci
Dacus costalis
Gryllus bimaculatus
Heteropternis respondens
Lepidosaphes tubulorum
Morganella longispina
Nephotettix impicticeps
Parlatoria cinerea
P. zizyphus
Phlaeoba infumata
Planococcus dorsospinosus
Thysanoflorinia nephelii
Unaspis yanonensis

HUNGARY:

Laspeyresia strobilella
Ostrinia nubilalis

INDIA:

Aleurocanthus nusaini
Aleurolobus marlatti
Aleurotuberculatus murrayae
Callosobruchus analis
C. phaseoli
Caryedon serratus
Chrysomphalus pinnulifer
Cloresmus nepalensis
Coccus viridis
Cryptoxynus mangiferae
Linoderus brevis
Heterobostrychus aequalis
Lampides boeticus
Leucinodes orbonalis
Maruca testulalis
Minthea rugicollis
Parlatoria zizyphus
Pectinophora gossypiella
Plebeigryllus guttiventris
Sinoxylon anale
S. conigerum
Trogoderma granarium
Xylopsocus capucinus
Xylothrips flavipes

INDONESIA:

Hypothenemus hampei
Trogoderma granarium

IRAN:

Cadra calidella
Sesamia cretica
Trogoderma granarium

IRAQ:

Earias insulana
Trogoderma granarium

IRELAND:

Dilophus febrilis
Gryllus bimaculatus

ISRAEL:

Acaudaleyrodes citri
Agrotis pronuba
Brachycaudus helichrysi
Bruchus ervi
B. lentis
Ceratitis capitata
Eurytoma amygdali
Heterogaster urticae
Laspeyresia strobilella
Leucaspis pusilla
Lobesia botrana
Parlatoria zizyphus
Phloeotribus scarabaeoides
Rhagoletis cerasi
Silba virescens
Spodoptera littoralis

ITALY:

Acrolepia assectella
Acrometopa macropoda
Aethes williana
Agonoscena succincta
Aleurolobus olivinus
Aleyrodes elevatus
A. fragariae

Aonidia lauri
Arhopalus rusticus
A. rusticus rusticus
Asphondylia capparisi
Brachycerus albidentatus
B. algirus
Bruchidius ater
Bruchus ervi
B. lentis
B. signaticornis
B. tristis
Cacoecimorpha pronubana
Cadra calidella
Calliptamus italicus
Carpomyia incompleta
Carpophilus obsoletus
Ceratitis capitata
Chrysolina americana
Cossus cossus
Cryptoblabes gnidiella
Curculio elephas
C. nucum

Cynips quercuscalicis
Dacus oleae
Dyspessa ulula
Evergestis forficalis
Giraudiella inclusa
Graphosoma lineatum
Gryllotalpa africana
Gryllus bimaculatus
Hemimene juliana
Hylotrupes bajulus
Hylurgus ligniperda
Larinus scolymi
Laspeyresia splendana
L. strobilella
Lobesia botrana
Mamestra brassicae
Megastigmus cryptomeriae
M. pistaciae
M. strobilobius
M. suspectus pinsapinis
Nysius graminicolus
Orthotomicus erosus
Ostrinia nubilalis
Oulema melanopus
Oxycarenus hyalinipennis
Parlatoria zizyphus
Pectinophora gossypiella
Phaedon armoraciae
Pieris brassicae
Plemeliella abietina
Prays oleella
Rhagoletis cerasi
Saperda carniarias
Schneidereria pistacciicola
Silba virescens
Sinoxylon conigerum
Spermophagus sericeus
Spilostethus saxatilis
Terellia fuscicornis
Thrips augusticeps
Trialeurodes lauri
Xyleborus eurygraphus

IVORY COAST:

Apate monachus
Bostrychoplites cornutus
Carpophilus obsoletus
Cryptophlebia leucotreta
Heterobostrychus brunneus
Hypothenemus hampei

JAMAICA:

Aeneolamia lepidior
A. reducta
Anastrepha mombinpraeoptans
Anypsis univitella
Aspidiotus destructor
Bephrata cubensis
Carpophilus pilosellus
Cerconota anonella
Cylas formicarius elegantulus
Diaphania indica

Haptoncus reflexicollis
Heliocontia apicalis
Hortensia similis
Hybosorus illigeri
Lobiopa insularis
Meligethes serripes
Mycetaspis personata
Neoleucinodes elegantalis
Opogona sacchari
Palaeopus costicollis
Parlatoria zizyphus
Parobius globulus
Pectinophora gossypiella
Phyllophaga bruneri
Protospulvinaria longivalvata
Scaphoidula dentata
Scapteriscus vicinus
Trachylepidia fructicassidella
Tricorynus tabaci
Tylozygus fasciatus
Vinsonia stellifera

JAPAN:

Achaea janata
Acrolepia assectella
Acyrtosiphon kerriae
Adoretus sinicus
Aethus indicus
Aglossa capreae
Agrypnus binodulus
Aiolopus thalassinus tamulus
Aleurolobus marlatti
Aleurotuberculatus aucubae
Anomala albopilosa
A. cuprea
A. orientalis
Aonidiella messengeri
Arcte coerula
Aspidiotus destructor
Barathra curialis
Bombotelia jocosatrix
Bomolocha amica
Callidium rufipenne
Callosobruchus analis
Carpophilus obsoletus
Carposina niponensis
Ceroplastes pseudoceriferus
Chalciope hypassia
Chilo suppressalis
Chrysodeixis chalcites
Cicadella viridis
Coptotermes formosanus
Crisicoccus matsumotoi
Cydnus nigrinus
Dialeurodes kirkaldyi
D. tristylli
Dichocrocis punctiferalis
Dicranotropis nagaragawana
Ericcia inangulata
Euproctis perpusillans
Eupteryx triangularis
Frankliniella formosae
Furciprox rectirostris
Gesonia obeditalis
Gesonula punctifrons
Grammodes geometrica orientalis
Granida albolineata
Gryllotalpa africana
Gryllus bimaculatus
Hermonassa cecilia
Heterachthes pallidus
Homoeogryllus japonicus
Kuwanaspis pseudoleucaspis
Lacinipolia stricta
Lepidosaphes conchiformioides
L. kuwacola
L. maskelli
Liocola speculifera
Lophotera illucida
Loxoblemmus equestris
Macdunnoughia confusa
Macrosiphum ibarae
Maladera castanea
Mamestra brassicae

COUNTRIES OF ORIGIN AND INSECTS

JAPAN (continued):

Matsumuraeses phaseoli
Mecopoda elongata
Megalonotus nitidicollis
Megastigmus borriesi
M. cryptomeriae
Melanoplus sanguinipes
Melolontha japonica
Mimela holosericea
Mocis frugalis
M. undata
Modicogryllus confirmatus
Morganella longispina
Naranga aenescens
Neoconocephalus triops
Nephotettix apicalis
M. impicticeps
Nilaparvata lugens
Notobitus meleagris
Ochropleura triangularis
Oraesia emarginata
Ostrinia nubilalis
Pachyrhynchus nietneri
Parallelia palumba
P. stuposa
Parlatoria zizyphus
Phaneroptera falcata
Pheidole megacephala
Phloeosinus rudis
Pineus harukawai
Pinnaspis uniloba
Planococcus kraunhiae
Platypleura kaempferi
Plautia crossota
Plebelogryllus guttiventris
Polia consanguis
Polydesma umbricola
Popillia japonica
P. lewisi
Protaetia fusca
P. orientalis
Pseudanidia trilobitiformis
Semiothisa pluvialata
Sesamia inferens
Simplicia nippona
Spodoptera abyssinica
S. litura
S. mauritia
S. pecten
Sympis rufibasis
Taeniothrips eucharii
T. hawaiiensis
Teleogryllus mitratus
T. testaceus
Thrips coloratus
T. flavus
Torymus seminum
Tryporyza incertulas
Unaspis yanonensis
Utethesia pulchella
Westermannia superba
Xanthodes graellsii
Xystrocera globosa

JOHNSTON ISLAND:

Adoretus sinicus

JORDAN:

Bruchidius obscuripes
Bruchus ervi
Carpomyia pardalina
Lobesia botrana

KENYA:

Ceratitidis capitata
Cryptorhynchus mangiferae
Cryptophebia leucotreta
Eublema cochylionides
Eugasteroides loricatus

KOREA:

Epilachna niponica
Frankliniella formosae
Mimela splendens

KWAJALIN:

Furcaspis oceanica
Lepidosaphes esakii

LAOS:

Vinsonia stellifera

LEBANON:

Cadra calidella
Carpomyia pardalina
Cryptoblabe gnidiella
Dacus oleae
Lepidosaphes pistaciae
Prays oleella
Trogoderma granarium

LIBERIA:

Cryptophebia leucotreta
Homoeogryllus tessellatus
Hyptothemum hampei
Leucinodes orbonalis
Stenomorphia rutella

LIBYA:

Amicta quadrangularis
Gryllus bimaculatus

LIECHTENSTEIN:

Laspeyresia strobilella

MADAGASCAR:

Heterobostrychus aequalis

MADEIRA ISLANDS:

Chrysomphalus pinnulifer

MALAYSIA:

Cylas formicarius formicarius
Heterobostrychus aequalis
Hypothemum hampei
Trogoderma granarium

MALTA:

Ceratitidis capitata
Parlatoria zizyphus
Silba virescens

MARTINIQUE:

Pheidole megacephala

MEXICO:

Acanthoscelides multisignatus
A. oblongoguttatus
A. obreptus
Achryson surinamum
Acroleucus vicinalis
Acutaspis albopicta
A. tingi
Aetalion quadratum
Aleurocanthus woglumi
Aleurodicus dugesii
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroplatus coccolus
Aleurothrixus floccosus
Altius obscurator
Anastrepha ludens
A. mombinpraeoptans
A. serpentina
A. striata
A. suspensa
Ancylocera bicolor
Anypisipyla univittella
Arhyssus parvicornis
Arphia pseudonietana
Arvelius albopunctatus
Ascalapha odorata
Aspidiotus destructor
Asterolecanium inlabefactum
Atta mexicana
Bemisia tabaci
Blissus insularis
Brachycaudus helichrysi
Brochymena tenebrosa
Bruchus lentis
Buccalatrix thurberiella
Camptodes illustris
Capaneus odiosus
Carpocapsa saltitans

Carpophilus ligneus

C. lugubris
C. pilosellus
Caryedon serratus
Chilo loftini
Chorizococcus rostellum
Chlorotettix scutellatus
Chrysobothris analis
C. pupureaplagiata
Chrysomela texana
Cligenes distinctus
Colopterus latus
C. macropterus
Conotrachelus aguacatae
C. perseae
Conotelus mexicanus
Corythaica venusta
Corythucha championi
Craspeduchus bilimeki
C. uhleri
Cryphula apicata
Cyclocephala dimidiata
Cydnoidea albipennis
Cylas formicarius elegantulus
Cymus angustatus
Dasydactylus sellatus
Delphacodes pacifica
Diatraea considerata
Dinaspis aculeata
Dioxyna picciola
Dysdercus flavolimbatus
D. incertus
Epicaerus cognatus
Epicauta callosa
Epinotia aporema
Euarestoides acutangulus
Eucalandra setulosa
Euphoria dimidiata
E. kerni
E. leocographa
E. texana
Everes comyntas
Exitianus picatus
Exptochiomera minima
Galgupha quadrisignata
Genuchinus v-notatus
Graphocephala coccinea
Gryllus assimilis
Hansenia pulverulenta
Haptoncus luteolus
Heliothis phloxiphaga
Heraeus coquilletti
Hilarocassis exclamationis
Homalodisca ichthycephala
H. insolita
Hordnia circellata
Ips plastographus
Laspeyresia caryana
L. membrana
Liriomyza munda
Lobiopa insularis
L. simulatrix
Loxagrotis albicosta
Macropygium reticulare
Malachorhinus irregularis
Megacerus impiger
Melanagromyza viridis
Melanaspis aliena
Melanocoryphus admirabilis
M. circumplicatus
Melipotis fasciolaris
Nerobruchus major
Metamasius sericeus carbonarius
Metriona trisignata
Microlarinus lareynii
Microporus obliquus
Mimosestes dominicanus
Moodna bisinuella
Noneilema ulkei
Nultareoides planifrons

COUNTRIES OF ORIGIN AND INSECTS

MEXICO (continued):

Mycetaspis personata
Negosiana miliaris
Neoconocephalus triops
Niestirea sidae
Noropsis hieroglyphica
Nothris sabinella
Nysius basalis
Ochrostomus poeyi
Oecanthus argentinus
Upuntiaspis philococcus
Urthezia pseudinsignis
Oxygrilius ruginasus
Uzophora picturata
Fachybrachius basalis
Palmaricoccus attaleae
Paracoccus ferrisi
Parlatoria cinerea
Pectinophora gossypiella
Phaeoses sabinella
Phalonia leguminana
P. pimana
Pneidole punctatissima
Phyllophaga bruneri
Plectrodera scalator
Podisus maculiventris
Prostephanus truncatus
Publilia concava

Rhagoletis juglandis
R. striatella
Rhopalophora incrustata
Stenoma catenifer
Symmetrischema capsicum
Taeniopoda varipennis
Talponia batesi
Tetraleurodes perileuca
Tetralicia abnormis
Texananus curtus
T. oregonus
Tetraleurodes similis
T. varia
Trioza anceps
Trupanea vicina
Tylocentrus reticulatus

MIUWAY:

Chalciope hypassia
Dioxyna picciola
Emmonodia unistrigata
Ericeia inangulata
Grammodes geometrica orientalis
Modicogryllus confirmatus
Nephotettix impicticeps
Nilaparvata lugens
Protaetia fusca
Semiothisa hebesata
Spodoptera pecten
Triphosa haesitata

MONTSERRAT:

Cylas formicarius elegantulus

MOROCCO:

Cryptoblabes gnidiella
Parlatoria zizyphus

NETHERLANDS:

Acrolepia assectella
Luceraphis punctipennis
Laspeyresia strobilella
Plamestra brassicae
Ustrinia nubilalis
Phytomyza rufipes

NEVIS:

Anastrepha mombinpraeoptans

NEW ZEALAND:

Cerodontha denticornis
Ctenopseustis obliquana
Epiphyas postvittana
Isothrips obscuratus
Morganella longispina
Parlatoria cinerea
Planotortrix excessana
Rhopalimorpha lineolaris

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Atethmia repanda
Cerconota anonella
Draeculacephala producta
Edessa bifida
Hemiberlesia palmae
Homalodisca insolita
Melipotis acontioides
Neoconocephalus triops
Paroecanthus annulatus
Tenthecoris bicolor

NIGERIA:

Cryptophlebia leucotreta
Cydnus lepidus
Setomorpha rutella

NORWAY:

Gelechia ericetella
Laspeyresia strobilella
Macrosiphium fragariae
Meligethes aeneus
Pityogenes chalcographus
Rhinocola ericae
Taeniothrips atratus
Thrips major

OKINAWA:

Adoretus sinicus
Aethus indicus
Anigraea albomaculata
Aonidiella inornata
Asemm nitidum
Aulacophora lewisii
Carpophilus davidsoni
Chalciope hypassia
Cicadella viridis
Cyclocephala villosa
Delphacodes puella
Geotomus pygmaeus
Gesonia obedialis
Gryllus bimaculatus
Inazuma dorsalis
Modicogryllus confirmatus
Nephotettix apicalis
Nipaeococcus vastator
Nisia atroventrosa
Parlatoria zizyphus
Plebeiogryllus guttiventris
Popillia japonica
P. lewisii
Sesamia inferens
Teleogryllus mitratus
Unaspis yanonensis

PAKISTAN:

Callosobruchus analis
Heterobostrychus aequalis
Sinoxylon conigerum
Trogoderma granarium
Xylotrips flavipes

PANAMA:

Acutaspis albopicta
Aeneolamia lepidior
A. reducta
Aleurotrachelus trachoides
Anastrepha ludens
A. mombinpraeoptans
Anurogryllus muticus
Aspidiotus destructor
Balciutha hebe
Bephrata maculicollis
Carpophilus pilosellus
Ceratitidis capitata
Cerconota anonella
Ephyrodes cacata
Geniatus panamensis
Graminella nigripennis
Gryllus assimilis
Hemiberlesia palmae

Hortensia similis
Hybosorus illigeri
Hyponopsis macula
Leptopharsa furculata
Liogenys macropelma
L. quadridens
Malacopterus tenellus
Manopus biguttatus
Maruca testulalis
Melanaethus spinolai
Neoconocephalus triops
Orthogramma copryi
Oxyblepta limbatiennis
Paraphlepsius isidus
Phelomerus aberrans
Ponometia costalis
Prodenia latifascia
Stelidota strigosa
Stenoma catenifer
Trachylepidia fructicassiaella
Tretogonia conspersa
Vinsonia stellifera
Zunacetha annulata

PERU:

Acanthoscelides bixae
A. obreptus
Aleurodicus iridescens
Anastrepha mombinpraeoptans
Argyrogramma verruca
Ceratitidis capitata
Conoderus scalaris
Epinothia aporema
Gryllus capitatus
Lobiopa insularis
Pagiocerus frontalis
Parlatoria cinerea
Paurotarsus ruficornis
Stenoma catenifer
Symmetrischema capsicum

PHILIPPINES:

Achaea janata
Aethus indicus
Aiolopus thalassinus tamulus
Aleurolobus citri
Amyna punctum
Argyrogramma albostrata
Aspidiella hartii
A. zingiberi
Aspidiotus destructor
Aulacaspis tubercularis
Bothynus gibbosus obsoletus
Carpophilus obsoletus
Chalciope hypassia
Cicadella viridis
Clavaspis herculeana
Cryptorhynchus mangiferae
Cryptoterme brevis
Cylas formicarius formicarius
Dialeurodes kirkaldyi
Dinara combusta
Eublema "anachoresis"
Gryllotalpa africana
Gryllus bimaculatus
Heterobostrychus aequalis
Inazuma dorsalis
Lepidosaphes bladhiae
L. tokionis
Lindingaspis tingi
Loxoblemmus equestris
Necopoda elongata
Minthea rugicollis
Nocis frugalis
Modicogryllus confirmatus
Nephotettix impicticeps
Nipaeococcus vastator
Palpita unionalis
Parallelia algira
Paraluperodes suturalis
Parlatoria zizyphus
Pneidole megacephala

PHILIPPINES (continued):

Planococcus lilacinus
Plebeigryllus guttiventris
Pseudaonidia trilobitiformis
Rhaebothrips lativentris
Sesamia inferens
Sinoxylon anale
Spodoptera litura
S. mauritia
S. pecten
Teleogryllus mitratus
T. testaceus
Tryporyza incertulas
Utetheisa pulchella
Xanthanomis aurantiaca
Xylothrips flavipes
Xylotrupes gideon

POLAND:

Aphalara calthae
Arge ochropa
Frankliniella intonsa
Psylla alni
Taeniothrips atratus
Thrips major

PORTUGAL:

Abgrallaspis degenerata
Acrosternum heegeri
Aglossa caprealis
Aonidiella lauretorum
Brachycerus algerus
Bruchus tristiculus
Cacoecimorpha pronubana
Cadra calidella
Callosobruchus phaseoli
Ceratitidis capitata
Cryptoblabes gnidiella
Curculio elephas
Hylotrupes bajulus
Hylurgus ligniperda
Laspeyresia splendana
Mamestra brassicae
Orthotomicus erosus
Pieris brassicae
Rhagoletis cerasi
Thrips augusticeps

PUERTO RICO:

Anastrepha mombinpraeoptans
Argyresthia eugeniella
Bephrata cubensis
Clavaspis herculeana
Clerada apicicornis
Cylas formicarius elegantulus
Diaprepes abbreviatus
Epinotia aporema
Haptoncus luteolus
Hybosorus illigeri
Lobiopa insularis
Maruca testulalis
Nasutitermes costalis
Petrusa epilepsis
Phyllophaga portoricensis
Vinsonia stellifera

RHODESIA:

Bemisia tabaci
Spercularius erythrinae
Trialeurodes desmodii

RUMANIA:

Laspeyresia splendana

SAIPAN:

Aspidiotus destructor
Lepidosaphes bladhaie

SAMOA:

Pheidole megacephala

SAUDI ARABIA:

Caryedon serratus
Trogoderma granarium

SCOTLAND:

Gelechia ericetella
Laspeyresia strobilella

SENEGAL:

Cryptophlebia leucotreta
Leucinodes orbonalis

SINGAPORE:

Gryllotalpa africana
Heterobostrychus aequalis
Trogoderma granarium

SOUTH AFRICA:

Bemisia tabaci
Callosobruchus rhodesianus
C. subinnotatus
Craspedoxantha marginalis
Cryptophlebia leucotreta
Epichorista ionephela
Exitianus capicola
Frankliniella schultzei
Genuchus hottentotus
Hypothenemus hampei
Naphius apicalis
Oxycarenus maculatus
Pria antennata
Synaptothrips distinctus
S. gezinae

SOUTH AMERICA (country-?):

Cyclocephala signaticollis
Elaphria chalconia
Eutheola rugiceps
Gryllus capitatus
Haptoncus luteolus
Hypothenemus hampei
Mycetaspis personata

SOVIET UNION:

Gnorimoschema ocellatella

SPAIN:

Acrolepia assectella
Aspilates ochrearia
Brachycerus algerus
Cacoecimorpha pronubana
Ceratitidis capitata
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Euphyllura olivina
Euxoa crassa
Laspeyresia splendana
Leucaspis pusilla
Metopoplax ditomoides
Nathrius brevipennis
Parlatoria cinerea
P. zizyphus
Pieris brassicae
Pityophthorus pulicarius
Scolytus intricatus
Sideridis vitellina
Silba virescens
Terellia fuscicornis

ST. CROIX:

Pectinophora gossypiella
Vinsonia stellifera

ST. KITTS:

Anastrepha mombinpraeoptans
Bephrata cubensis

Coccus viridis
Fundella pellucens
Haptoncus luteolus
Pheidole megacephala

ST. VINCENT:

Callosobruchus phaseoli

SUDAN:

Parlatoria zizyphus
Trogoderma granarium

SURINAM:

Maruca testulalis
Vinsonia stellifera

SWEDEN:

Frankliniella intonsa
Ips acuminatus
Pityogenes chalcographus
P. quadridens
Rhinocola ericae
Taeniothrips atratus
Thrips major
Tomicus piniperda

SWITZERLAND:

Laspeyresia strobilella
Ostrinia nubilalis
Stenoptilia stigmatodactyla

SYRIA:

Lobesia botrana
Systole coriandri
Trogoderma granarium

TAHITI:

Coccus viridis
Dialeurodes kirkaldyi
Hypothenemus hampei
Morganella longispina
Parlatoria cinerea
Pseudaonidia trilobitiformis

THAILAND:

Acrida willemsi
Aiteta damnipennis
Aonidiella comperei
Delphacodes propinqua
Geotomus pygmaeus
Gryllus bimaculatus
Haplothrips gowdeyi
Heterobostrychus aequalis
Mocis undata
Nephotettix apicalis
N. impicticeps
Palpita unionalis
Parlatoria zizyphus
Plebeigryllus guttiventris
Protaetia fusca
Remaudiereana nigriceps
Spodoptera mauritia

TORTOLA:

Microcentrum triangulatum
Saccharicoccus sacchari
Trichoplusia oxygramma

TRINIDAD:

Anastrepha mombinpraeoptans
A. serpentina
Clavaspis herculeana
Coccus viridis
Euscepes postfasciatus
Genaparlatoria pseudaspidiotus
Parlatoria cinerea
Stelidota strigosa
Stenomoma catenifer
Vinsonia stellifera

TUNISIA:

Parlatoria zizyphus

TURKEY:

Bruchus ervi
Callirhytis glandium
C. glandulosa
Callosobruchus analis
Hadena reticulata
Megastigmus pistaciae
Pieris brassicae
Rivula sericealis
Trialeurodes ricini
Xyleborus eurygraphus

UNITED ARAB REPUBLIC:

Bruchidius incarnatus
Gnorimoschema ocellatella
Trogoderma granarium

VENEZUELA:

Acrolophus plumifrontellus
Aeneolamia lepidior
A. reducta
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleurothrixus floccosus
Alkindus atratus
Anastrepha mombinpraeoptans
Aphodius parvus
Atethmia repanda
Cerconota anonella
Colopterus macropterus
Conoderus rufangulus
Epinotia aporema
Euscepes postfasciatus

COUNTRIES OF ORIGIN AND INSECTS

VENEZUELA (continued):

Hybosorus illigeri
Liogenys macropelma
Neoconocephalus triops
Paulinia acuminata
Phaloe cruenta
Prodenia sunia
Stenoma catenifer
Syneda confirmans
Tretogonia conspersa
Vinsonia stellifera
Xanthaciura insecta

VIETNAM:

Acrida exaltata
Aethus indicus
Aiolopus thalassinus tamulus
Anomala orientalis
Anua coronata
Brachytripes portentosus
Calogramma festiva
Cantacader quinquecostatus
Carpophilus obsoletus
Delphacodes pacifica
Geotomus pygmaeus
Gryllus bimaculatus
Heterobostrychus aequalis
Homoeoxipha lycoides
Locusta migratoria
Macaria hebesata
Minthea rugicollis
Mocis undata
Modicogryllus confirmatus
Nephotettix apicalis
N. cincticeps
Nilaparvata lugens
Nisia atroventrosa
Ophiusa indiscriminata
Palpita unionalis
Parlatoria zizyphus
Plautia crossata
Plebeogryllus guttiventris
Pseudaletia separata
Sardia pluto
Sinoxylon conigerum
Spodoptera litura
S. pecten
Teleogryllus mitratus

WAKE ISLAND:

Achaea janata
Aiolopus thalassinus tamulus
Aletia hamifera
Modicogryllus confirmatus
Spodoptera mauritia
S. pecten

WEST INDIES (country-?):

Endria inimica
Graminella nigrifrons

WEST PACIFIC:

Achaea janata
Anua coronata
Arcte coerulea
Chalciope hypassia
Chorizagrotis auxiliaris
Coptosoma xanthogramma
Cotinis nitida
Modicogryllus conspersus
Patanga succincta
Phaneroptera frucifera
Plebeogryllus guttiventris
Popillia lewisi
Spodoptera litura
S. mauritia
Trigonidium cicindeloides
Tryporyza incertulas
Utethesia pulchella

YUGOSLAVIA:

Bruchus ervi
Cacoecimorpha pronubana
Curculio elephas
C. nucum
Evergestis forficalis
Giraudiella inclusa
Laspeyresia strobilella
Lobesia botrana

ZANZIBAR:

Minthea rugicollis

UNKNOWN:

Adoretus sinicus
Aeneolamia lepidior
A. reducta
Aeolus mellillus
Aglossa caprealis
Agrotis repleta
Amphicerus anobioides
A. cornutus
Ancognatha scarabaeoides
Anicla infecta
Anomala innuba
A. orientalis
Arvelius albopunctatus
Asterobemisia avellanae
Ataenius exiguus
Atethmia repanda
Autographa gamma
Balclutha hebe
Bothynus neglectus
Brachycaudus helichrysi
Brachytripes portentosus
Bruchus lentis
Callidium rufipenne
Calliptamus italicus
Callosobruchus analis
C. rhodesianus
Caryedon serratus
Ceratitidis capitata
Chalcolepidius silbermanni

Chilo suppressalis
Chrysomphalus pinnulifer
Cladocerotis optabilis
Coccus viridis
Conoderus bifoveatus
Coptosoma xanthogramma
Cryptoblabes gnidiella
Cryptophebia leucotreta
C. schistaceana
Dacus oleae
Delphacodes humilis
Dioxyna picciola
Dyscinetus dytiscoides
D. morator
Edessa cornuta
Eucalandra setulosa
Eutheola humilis
Euscepes postfasciatus
Geniatus panamensis
Glycyphana fulvitemma
Graminella nigrifrons
Grammodes geometrica orientalis
Gryllus bimaculatus
G. capitatus
Heterobostrychus aequalis
Hortensia similis
Hybosorus illigeri
Lachnopus curvipes
Laspeyresia splendana
Leptocoris trivittatus
Liogenys macropelma
Lobesia botrana
Metamasius hemipterus hemipterus
Monochamus teserula
Morganella longispina
Mycetaspis personata
Neoconocephalus triops
Noropsis hieroglyphica
Opogona sacchari
Pangrapta ingrata
Panula scindens
Paraulacizes irrorata
Parlatoria zizyphus
Pectinophora gossypiella
Phlyctaenia tyres
Plagionotus arcuatus
Plebeogryllus guttiventris
Popillia japonica
P. lewisi
Prokelisia setigera
Silba virescens
Sinoxylon anale
S. conigerum
Sirex juvenicus
Sitophilus rugosus
Spodoptera mauritia
Stictoptera cucullioides
Teleogryllus mitratus
Tetrapriocera longicornis
Tomicus piniperda
Trogoderma granarium

TABULATION OF MITES

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Acaricalus hederæ</i> Keifer (Eriophyidae)..... Hedera helix (English ivy)	Europe (country-?).....	....	1	....	Mich.
<i>Aceria macrochelus</i> (Nalepa)(Eriophyidae)..... Acer pseudoplatanus (planetree maple) leaf	France.....	....	2	....	Mass.
<i>Cenopalpus pterinus</i> Pritchard & Baker (Tenuipalpidae).. Rosmarinus sp. (rosemary) leaf	Italy(?).....	1	....	....	N. Y.
<i>Cenopalpus pulcher</i> (Canestrini & Fanzago) (Tenuipalpidae)..... Cydonia oblonga (quince) Malus sylvestris (apple) Picea sp. (spruce cone)	Germany, Greece, Iran, Italy, Portugal.	5	....	....	N. Y.
<i>Eriophyes lionotus</i> (Nalepa)(Eriophyidae)..... Betula sp. (leaf)	Finland.....	1	....	....	Minn.
<i>Eutetranychus banksi</i> (McGregor)(Tetranychidae)..... Citrus sp. (leaf)	Mexico.....	5	....	....	Tex.
<i>Oligonychus palatani</i> (McGregor)(Tetranychidae)..... Eriobotrya japonica (loquat)	Mexico.....	1	....	....	Tex.
<i>Paralorrryia ferula</i> (Baker)(Tydeidae)..... Eriobotrya japonica (loquat) Malus sylvestris (apple)	Italy, Portugal.....	2	....	....	N. Y.
<i>Pentamerismus coronatus</i> (Canestrini & Fanzago) (Tenuipalpidae)..... Cupressus sp. (cypress cone)	France.....	1	....	....	N. Y.
<i>Retracrus johnstoni</i> Keifer (Eriophyidae)..... Chamaedorea sp. (leaf)	Mexico.....	106	....	....	Tex.
<i>Tarsonemus setifer</i> Ewing (Tarsonemidae)..... Jasminum sp. (branch) Prunus persica (peach)	Italy, South Africa....	2	....	....	N. Y.
<i>Tenuipalpus japonicus</i> Nishio (Tenuipalpidae)..... Diospyros kaki (kaki persimmon)	Japan.....	1	11	....	Alaska, Calif., Hawaii, Wash.
<i>Tenuipalpus rhytus</i> Baker & Pritchard (Tenuipalpidae)... Chamaedorea sp. (leaf)	Mexico.....	2	....	....	Tex.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae)..... Malus sylvestris (apple)	Australia, China, Europe (country-?), Germany, Greece, Japan, Korea, Luxembourg, Soviet Union, Unknown.	14	31	....	Alaska, Calif., Hawaii, N. Y., Oreg., Wash.
<i>Tydeus caudatus</i> (Duges)(Tydeidae)..... Citrus limon (lemon) Malus sylvestris (apple)	Italy, Unknown.....	1	1	....	N. Y.

HOSTS AND MITES

ACER:
Aceria macrochelus (Acarina)

BETULA:
Eriophyes lionotus (Acarina)

CHAMAEDOREA:
Retracrus johnstoni (Acarina)
Tenuipalpus rhytus (Acarina)

CITRUS:
Eutetranychus banksi (Acarina)
Tydeus caudatus (Acarina)

CUPRESSUS:
Pentamerismus coronatus (Acarina)

CYDONIA:
Cenopalpus pulcher (Acarina)

DIOSPYROS:
Tenuipalpus japonicus (Acarina)

ERIOBOTRYA:
Oligonychus platani (Acarina)
Paralorrrya ferula (Acarina)

HEDERA:
Acaricalus hederae (Acarina)

JASMINUM:
Tarsonemus setifer (Acarina)

MALUS:
Cenopalpus pulcher (Acarina)
Paralorrrya ferula (Acarina)
Tetranychus viennensis (Acarina)
Tydeus caudatus (Acarina)

PICEA:
Cenopalpus pulcher (Acarina)

PRUNUS:
Tarsonemus setifer (Acarina)

ROSMARINDUS:
Cenopalpus pterinus (Acarina)

COUNTRIES OF ORIGIN AND MITES

AUSTRALIA:
Tetranychus viennensis

CHINA:
Tetranychus viennensis

EUROPE (country-?):
Acaricalus hederae
Tetranychus viennensis

FINLAND:
Eriophyes lionotus

FRANCE:
Aceria macrochelus
Pentamerismus coronatus

GERMANY:
Cenopalpus pulcher
Tetranychus viennensis

GREECE:
Cenopalpus pulcher
Tetranychus viennensis

IRAN:
Cenopalpus pulcher

ITALY:
Cenopalpus pterinus
C. pulcher
Paralorrrya ferula
Tarsonemus setifer
Tydeus caudatus

JAPAN:
Tenuipalpus japonicus
Tetranychus viennensis

KOREA:
Tetranychus viennensis

LUXEMBOURG:
Tetranychus viennensis

MEXICO:
Eutetranychus banksi
Oligonychus platani
Retracrus johnstoni
Tenuipalpus rhytus

PORTUGAL:
Cenopalpus pulcher
Paralorrrya ferula

SOUTH AFRICA:
Tarsonemus setifer

SOVIET UNION:
Tetranychus viennensis

UNKNOWN:
Tetranychus viennensis
Tydeus caudatus

TABULATION OF MOLLUSKS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Achatina achatina</u> (Linnaeus) (Achatinidae)..... Baggage	Africa (country-?)....	1	....	....	N. Y.
<u>Achatina fulica</u> Bowdich (Achatinidae)..... Baggage Cargo Prunus sp.	Formosa, Hawaii, Okinawa, Thailand, Vietnam.	14	....	1	Calif., Hawaii, La., S. C., Tex.
<u>Arianta arbustorum</u> (Linnaeus) (Helicidae)..... Allium ampeloprasum (leek) Brassica oleracea var. botrytis (cauliflower) B. oleracea var. capitata (cabbage)	Belgium, Germany.....	....	4	....	Fla., N. Y.
<u>Arion ater</u> (Linnaeus) (Arionidae)..... Brassica oleracea var. botrytis (cauliflower)	Portugal.....	....	1	1	N. Y.
<u>Arion hortensis</u> Ferussac (Arionidae)..... Begonia rex (plant)	England.....	....	....	1	N. J.
<u>Bradybaena serotina</u> (A. Adams) (Bradybaenidae)..... Cargo	Okinawa.....	5	....	....	Del., S. C.
<u>Bradybaena similaris</u> (Ferussac) (Bradybaenidae)..... Allium ampeloprasum (leek) Apium graveolens var. dulce (celery) Brassica oleracea var. capitata (cabbage) Bromeliad (plant) Cargo Heliconia sp. (flower)	Bermuda, Brazil, Formosa, Hawaii, Japan, Okinawa, Vietnam.	7	3	1	Calif., Del., Fla., Hawaii, La., Md., N. Y., Wash.
<u>Cepaea nemoralis</u> (Linnaeus) (Helicidae)..... Baggage	Ireland.....	1	....	....	N. Y.
<u>Cochlicella barbara</u> (Linnaeus) (Helicidae)..... Amaryllis sp. (plant) Apium graveolens var. dulce (celery) Baggage Cichorium sp. (seed) Lactuca sativa (lettuce) Lens culinaris (lentil) Rosmarinus sp. (plant) Spinacia oleracea (spinach) seed	Algeria, Australia, Crete, Greece, France, Italy, Japan, Morocco, Spain, Tunisia.	20	2	4	Ca., Ia., Md., Mass., N. C., N. J., N. Y., Pa., S. C., Tex., Va.
<u>Cochlicella conoidea</u> (Draparnaud) (Helicidae)..... Cargo Lens culinaris (lentil)	Italy, Spain.....	2	....	....	N. Y., Pa.
<u>Cochlicella ventrosa</u> (Ferussac) (Helicidae)..... Apium graveolens var. dulce (celery) Automobile Cargo Citrus sp. (leaf) Crassula sp. (plant) Dianthus sp. (carnation plant) Lycopersicon esculentum (tomato) Palm (leaf) Petroselinum crispum (parsley) Phaseolus vulgaris (bean) Plant - unidentified Quercus suber (cork) bark Stores	Azores, Bermuda, Crete, France, Greece, Morocco, Portugal, Spain, Yugoslavia, Unknown.	11	6	3	Bermuda, La., Mass., N. C., N. Y., Pa., S. C., Tex., Va.
<u>Deroceras caruanae</u> (Pollonera) (Limacidae)..... Brassica oleracea var. botrytis (cauliflower) B. oleracea var. capitata (cabbage) Foeniculum vulgare (fennel) Rhododendron sp. (plant)	England, Italy.....	....	3	1	Calif., Mass., S. C., Va.
<u>Deroceras laeve</u> (Muller) (Limacidae)..... Musa sp. (fruit)	El Salvador.....	....	....	1	La.
<u>Deroceras reticulatum</u> (Muller) (Limacidae)..... Brassica oleracea var. capitata (cabbage) Bromeliad (plant) Chicorium intybus (chicory) Chrysanthemum sp. (flower) Lactuca sativa (lettuce) Orchid (plant)	Colombia, England, France, Germany, Mexico, Portugal, Yugoslavia.	1	5	3	Calif., Mass., N. Y., Pa., P. R.
<u>Helicella apicina</u> (Lamarck) (Helicidae)..... Cargo	Libya, Tunisia.....	3	....	....	Del., N. Y.
<u>Helicella armillata</u> (Lowe) (Helicidae)..... Herb - unidentified	Azores.....	....	....	1	Mass.

TABULATION OF MOLLUSKS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN-
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Helicella candidula</i> (Studer)(Helicidae)..... Soil	Germany.....	....	....	1	Calif.
<i>Helicella caperata</i> (Montagu)(Helicidae)..... <i>Bellis</i> sp. (plant) <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) Cargo <i>Cucurbita maxima</i> (squash) seed <i>Cynara scolymus</i> (artichoke) <i>Fragaria</i> sp. (strawberry plant) Herbs (dried) <i>Onobrychis viciaefolia</i> (seed) <i>Rosmarinus</i> sp. (plant) Soil <i>Triticum</i> sp. (wheat seed)	England, France, Greece, Italy, Libya, Spain.	14	4	5	Del., Ga., La., Md., Mass., N. Y., Ohio, Pa., Tex., Va.
<i>Helicella cespitum</i> (Draparnaud)(Helicidae)..... <i>Allium ampeloprasum</i> (leek) <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) Cargo <i>Lactuca sativa</i> (lettuce) <i>Onobrychis viciaefolia</i> (seed) <i>Sanguisorba</i> sp. (seed)	Italy, Spain.....	1	3	3	D. C., N. Y., P. R., S. C.
<i>Helicella conspurcata</i> (Draparnaud)(Helicidae)..... Cargo <i>Cichorium</i> sp. (seed) <i>Dianthus</i> sp. (carnation plant) <i>Hydrangea</i> sp. (plant) <i>Rosmarinus</i> sp. (plant) <i>Spinacia oleracea</i> (spinach) seed	Italy, Portugal, Tunisia, Turkey.	5	....	6	La., Md., Mass., Pa., Va.
<i>Helicella cretica</i> (Ferussac)(Helicidae)..... <i>Apium graveolens</i> var. <i>dulce</i> (celery) Cargo Herbs - unidentified <i>Lactuca sativa</i> (lettuce) Plants - unidentified Seed - unidentified Stores <i>Vicia faba</i> (faba bean)	Algeria, Crete, France, Greece, Italy, Libya, Tunisia, Turkey, Unknown.	12	4	3	Del., Ga., Ill., La., Mass., Mich., N. C., N. Y., Pa., Tex.
<i>Helicella derbentina</i> (Andrzejewski)(Helicidae)..... Cargo	Turkey.....	14	....	....	Del., La., N. Y., Va.
<i>Helicella gigaxi</i> (Charpentier)(Helicidae)..... <i>Lactuca sativa</i> (lettuce)	Netherlands.....	....	1	....	N. Y.
<i>Helicella itala</i> (Linnaeus)(Helicidae)..... <i>Allium ampeloprasum</i> (leek) <i>Amaryllis</i> sp. (plant) <i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower) Cargo <i>Gleditsia triacanthos</i> (seed) Stores	Bulgaria, France, Italy, Netherlands, Yugoslavia.	2	3	2	La., Mass., N. J., S. C., Tex., Va.
<i>Helicella joppensis</i> (Roth)(Helicidae)..... Cargo Soil	Lebanon, Turkey.....	2	....	....	La., Mass.
<i>Helicella krynickii</i> (Andrzejewski)(Helicidae)..... <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) Cargo	Israel, Turkey.....	3	1	....	La., N. Y.
<i>Helicella littoralis</i> (Mousson)(Helicidae)..... Cargo	Turkey.....	1	....	....	Del.
<i>Helicella maritima</i> (Draparnaud)(Helicidae)..... Baggage Cargo <i>Cichorium endivia</i> (endive) <i>Lactuca sativa</i> (lettuce) <i>Phaseolus</i> sp. (seed) <i>Prunus persica</i> (peach) Soil Stores	Azores, France, Italy, Libya, Portugal, Spain, Turkey, Yugoslavia(?).	9	6	1	Fla., Hawaii, La., Mass., N. C., N. Y., Pa., Tex.
<i>Helicella pyramidata</i> (Draparnaud)(Helicidae)..... Cargo <i>Lens culinaris</i> (lentil) <i>Majorana hortensis</i> (oregano) <i>Phaseolus</i> sp. (beans)	Greece, Italy.....	5	1	....	Del., La., N. Y., Pa.

TABLATION OF MOLIUSKS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Helicella trochoides</u> (Poiret)(Helicidae)..... Soil	Crete.....	1	....	....	N. C.
<u>Helicella variabilis</u> (Draparnaud)(Helicidae)..... <u>Allium ampeloprasum</u> (leek) Baggage <u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower) Cargo <u>Citrus sinensis</u> (sweet orange) <u>Daucus carota</u> var. <u>sativa</u> (carrot) <u>Foeniculum vulgare</u> (fennel) <u>Rosa</u> sp. (rose) Stores	France, Israel, Italy, Spain, Turkey, Yugoslavia, Unknown.	8	9	....	Del., La., Md., N. J., N. Y., Tex., Va.
<u>Helicella virgata</u> DaCosta (Helicidae)..... Cargo Soil	England, Spain, Unknown.	3	....	....	N. Y., Pa., Va.
<u>Helix aperta</u> Born (Helicidae)..... <u>Apium graveolens</u> var. <u>dulce</u> (celery) Baggage <u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower) <u>B. oleracea</u> var. <u>capitata</u> (cabbage) <u>Cynara scolymus</u> (artichoke) <u>Foeniculum vulgare</u> (fennel) <u>Lactuca sativa</u> (lettuce) Mail <u>Spinacia oleracea</u> (spinach) Stores	Belgium, Europe (country-?), Italy, Spain.	22	14	....	Calif., Ill., Mass., N. Y., Tex.
<u>Helix aspersa</u> Muller (Helicidae)..... <u>Asparagus</u> sp. (leaf) Baggage <u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower) <u>B. oleracea</u> var. <u>capitata</u> (cabbage) Cargo <u>Castanea</u> sp. (chestnuts) Herbs - unidentified <u>Lactuca sativa</u> (lettuce) Leaf - unidentified <u>Mentha</u> sp. (plant) Orchid (plant) <u>Phaseolus vulgaris</u> (string bean) <u>Rosa</u> sp. (dried rose petals) Soil Stores	Australia, Azores, Europe (country-?), France, Germany, Greece, Italy, Mexico, Monaco, Morocco, New Zealand(?), Portugal, South Africa, Spain, Yugoslavia, Unknown.	29	13	5	Calif., Del., Fla., Ga., Hawaii, Ill., La., Mass., N. Y., Pa., S. C., Tex.,
<u>Helix figulina</u> Parreyss (Helicidae)..... Cargo	Turkey.....	1	....	....	Del.
<u>Helix mazzullii</u> Jan (Helicidae)..... Baggage	Italy.....	1	....	....	N. Y.
<u>Helix pomatia</u> Linnaeus (Helicidae)..... Baggage Stores	Czechoslovakia, France.	1	1	....	N. Y., Tex.
<u>Helix radiosa</u> Ziegler (Helicidae)..... Baggage	Greece.....	1	....	....	N. Y.
<u>Iberus slonensis</u> (Ferussac)(Helicidae)..... Baggage	Spain.....	1	....	....	N. Y.
<u>Lamellaxis clavulinus</u> (Subulinidae)..... Cargo <u>Carica papaya</u> (papaya)	Hawaii, Okinawa.....	2	....	....	Hawaii, S. C.
<u>Lamellaxis gracilis</u> (Hutton)(Subulinidae)..... Soil	Mexico.....	....	....	1	Calif.
<u>Limax flavus</u> Linnaeus (Limacidae)..... <u>Lactuca sativa</u> (lettuce)	Spain.....	....	1	....	Mass.
<u>Limax marginatus</u> (Muller)(Limacidae)..... Bromeliad (plant)	Mexico.....	....	....	1	Calif.
<u>Milax gagates</u> (Draparnaud)(Limacidae)..... <u>Apium graveolens</u> var. <u>dulce</u> (celery) <u>Begonia</u> sp. (plant) <u>Brassica oleracea</u> var. <u>capitata</u> (cabbage) <u>Foeniculum vulgare</u> (fennel) <u>Fragaria</u> sp. (strawberry plant) <u>Lactuca sativa</u> (lettuce) Orchid (plant)	Azores, Colombia, Ecuador, France, Italy, Mexico.	2	3	3	Ala., Fla., Mass., N. Y., Pa., Tex.

TABULATION OF MOLLUSKS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Monacha cantiana</u> (Montagu)(Helicidae)..... Stores	Italy, Turkey.....	....	2	....	Tex.
<u>Monacha carthusiana</u> (Muller)(Helicidae)..... <u>Citrus sinensis</u> (sweet orange) <u>Lactuca sativa</u> (lettuce) <u>Solanum tuberosum</u> (potato) Stores	Italy, Spain, Yugoslavia, Unknown.	....	4	....	La., N. Y., Tex.
<u>Monacha obstructa</u> (Ferussac)(Helicidae)..... <u>Allium ampeloprasum</u> (leek) Cargo <u>Malus sylvestris</u> (apple) Stores	France, Greece, Lebanon, Unknown.	1	3	....	Md., Pa., Tex.
<u>Monacha olivieri</u> (Ferussac)(Helicidae)..... Herbs - unidentified Stores	Italy, Portugal.....	1	1	....	N. Y., Tex.
<u>Monacha schottii</u> (Pfeiffer)(Helicidae)..... <u>Coriandrum sativum</u> (coriander) seed	Syria.....	1	....	....	Mich.
<u>Monacha syriaca</u> (Ehrensberg)(Helicidae)..... Cargo	Lebanon.....	2	....	....	Md.
<u>Opeas pumilum</u> (Pfeiffer)(Subulinidae)..... Soil	Mexico.....	1	....	....	Tex.
<u>Opeas pyrugula</u> Schmacker & Boettger (Subulinidae)..... Cargo <u>Musa</u> sp. (banana plant)	Japan, Vietnam.....	1	....	1	Calif., N. J.
<u>Otala lactea</u> (Muller)(Helicidae)..... Baggage Cargo Stores	Bermuda, Spain, Yugoslavia(?).	2	1	....	Fla., Tex., Va.
<u>Otala vermiculata</u> (Muller)(Helicidae)..... <u>Allium ampeloprasum</u> (leek) Automobile Baggage <u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower) Cargo <u>Foeniculum vulgare</u> (fennel) <u>Lactuca sativa</u> (lettuce) Mail <u>Petroselinum crispum</u> (parsley) <u>Pinus</u> sp. (pine cone) Stores	Belgium, Greece, Italy, Monaco, Netherlands, Portugal, Spain, Yugoslavia, Unknown.	41	16	1	Del., Ill., La., Mass., N. Y., Pa., P. R., Tex., Va.
<u>Oxychilus alliarius</u> (Muller)(Zonitidae)..... <u>Hydrangea</u> sp. (plant) <u>Orchid</u> (plant)	Italy, Mexico.....	....	....	2	Mass., Tex.
<u>Oxychilus cellarius</u> (Muller)(Zonitidae)..... Cargo Fern (plant) <u>Mentha</u> sp. (mint plant) <u>Primula</u> sp. (primrose)	Canada, England, Italy, Portugal.	1	....	3	La., Mass., Wash.
<u>Pallifera costaricensis</u> (Morch)(Philomycidae)..... Bromeliad (plant) <u>Chamaedorea</u> sp. (leaf)	Honduras, Mexico, Nicaragua.	1	....	10	Calif., Fla., Tex.
<u>Pallifera costaricensis crosseanus</u> (Strebel & Pfeffer) (Philomycidae)..... Bromeliad (leaf) <u>Chamaedorea</u> sp. (leaf) <u>Orchid</u> (plant)	Mexico.....	3	....	2	Calif., Tex.
<u>Subulina octona</u> (Bruguiere)(Subulinidae)..... Cactus (plant) Soil	Colombia, Mexico.....	....	....	2	Fla., Tex.
<u>Theba pisana</u> (Muller)(Helicidae)..... <u>Allium ampeloprasum</u> (leek) <u>Althaea</u> sp. (hollyhock seed) <u>Amaryllis</u> sp. (plant) Baggage <u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower) <u>B. oleracea</u> var. <u>capitata</u> (cabbage) <u>Capsicum</u> sp. (pepper) Cargo <u>Citrus</u> sp. (plant) Fruit - unidentified <u>Gladiolus</u> sp. (leaf) <u>Lactuca sativa</u> (lettuce) <u>Lens culinaris</u> (lentil) <u>Petroselinum crispum</u> (parsely) <u>Rosmarinus</u> sp. (stem) Seed - unidentified Stores	Africa (country-?), Australia, Bermuda, Crete, England, France, Greece, Israel, Italy, Libya, Monaco, Morocco, Portugal, Saipan, United Arab Republic, Unknown.	50	17	5	Ala., D. C., Del., Fla., Ga., Hawaii, La., Mass., Mich., N. C., N. Y., Pa., P. R., S. C., Tex., Va.

TABULATION OF MOLLUSKS

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Vaginulus occidentalis</u> (Guilding)(Veronicellidae)..... Bromeliad (plant) <u>Ficus decora</u> (plant) Orchid (plant)	Ecuador, Honduras, Mexico.	....	....	3	Calif., Fla.
<u>Veronicella moreletii</u> Crosse & Fischer (Veronicellidae). Bromeliad (plant) <u>Chamaedorea</u> sp. (leaf) Orchid (plant)	Jamaica, Mexico.....	2	....	2	Fla., Tex.

ALLIUM:

Arianta arbustorum (Mollusca)
Bradybaena similaris (Mollusca)
Helicella cespitum (Mollusca)
H. itala (Mollusca)
H. variabilis (Mollusca)
Monacha obstructa (Mollusca)
Otala vermiculata (Mollusca)
Theba pisana (Mollusca)

ALTHAEA:

Theba pisana (Mollusca)

AMARYLLIS:

Cochlicella barbara (Mollusca)
Helicella itala (Mollusca)
Theba pisana (Mollusca)

APIUM:

Bradybaena similaris (Mollusca)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella cretica (Mollusca)
Helix aperta (Mollusca)
Milax gagates (Mollusca)

ASPARAGUS:

Helix aspersa (Mollusca)

BEGONIA:

Arion hortensis (Mollusca)
Milax gagates (Mollusca)

BELLIS:

Helicella caperata (Mollusca)

BRASSICA:

Arianta arbustorum (Mollusca)
Arion ater (Mollusca)
Bradybaena similaris (Mollusca)
Deroceras caruanae (Mollusca)
D. reticulatum (Mollusca)
Helicella caperata (Mollusca)
H. cespitum (Mollusca)
H. itala
H. krynickii (Mollusca)
H. variabilis (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Milax gagates (Mollusca)
Otala vermiculata (Mollusca)
Theba pisana (Mollusca)

BROMELIAD:

Bradybaena similaris (Mollusca)
Deroceras reticulatum (Mollusca)
Limax marginatus (Mollusca)
Pallifera costaricensis (Mollusca)
P. costaricensis crosseanus (Mollusca)
Vaginulus occidentalis (Mollusca)
Veronicella moreleti (Mollusca)

CACTUS:

Subulina octona (Mollusca)

CAPSICUM:

Theba pisana (Mollusca)

CARICA:

Lamellaxis clavulinus (Mollusca)

CASTANEA:

Helix aspersa (Mollusca)

CHAMAEDOREA:

Pallifera costaricensis (Mollusca)
P. costaricensis crosseanus (Mollusca)
Veronicella moreleti (Mollusca)

CICHORIUM:

Cochlicella barbara (Mollusca)
Deroceras reticulatum (Mollusca)
Helicella conspurcata (Mollusca)
H. maritima (Mollusca)

CHRYSANTHEMUM:

Deroceras reticulatum (Mollusca)

CITRUS SINENSIS:

Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
Monacha carthusiana (Mollusca)

CITRUS SP.:

Cochlicella ventrosa (Mollusca)
Theba pisana (Mollusca)

CORIANDRUM:

Monacha schotti (Mollusca)

CRASSULA:

Cochlicella ventrosa (Mollusca)

CUCURBITA:

Helicella caperata (Mollusca)

CYNARA:

Helicella caperata (Mollusca)
Helix aperta (Mollusca)

DACUS:

Helicella variabilis (Mollusca)

DIANTHUS:

Cochlicella ventrosa (Mollusca)
Helicella conspurcata (Mollusca)

FERN:

Oxychilus cellarius (Mollusca)

FICUS:

Vaginulus occidentalis (Mollusca)

FOENICULUM:

Deroceras caruanae (Mollusca)
Helicella variabilis (Mollusca)
Helix aperta (Mollusca)
Milax gagates (Mollusca)
Otala vermiculata (Mollusca)

FRAGARIA:

Helicella caperata (Mollusca)
Milax gagates (Mollusca)

GLADIOLUS:

Theba pisana (Mollusca)

GLEDTISIA:

Helicella itala (Mollusca)

HELICONIA:

Bradybaena similaris (Mollusca)

HYDRANGEA:

Helicella conspurcata (Mollusca)
Oxychilus alliarius (Mollusca)

LACTUCA:

Cochlicella barbara (Mollusca)
Deroceras reticulatum (Mollusca)
Helicella cespitum (Mollusca)
H. conspurcata (Mollusca)
H. cretica (Mollusca)
H. gigaxii (Mollusca)
H. maritima (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Limax flavus (Mollusca)
Milax gagates (Mollusca)
Monacha carthusiana (Mollusca)
Otala vermiculata (Mollusca)
Theba pisana (Mollusca)

LENS:

Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
Helicella pyramidata (Mollusca)
Theba pisana (Mollusca)

LYCOPERSICON:

Cochlicella ventrosa (Mollusca)

MAJORANA:

Helicella pyramidata (Mollusca)

MALUS:

Monacha obstructa (Mollusca)

MENTHA:

Helix aspersa (Mollusca)
Oxychilus cellarius (Mollusca)

MUSA:

Deroceras laeve (Mollusca)
Opeas pyrgula (Mollusca)

ONOBRYCHIS:

Helicella caperata (Mollusca)
H. cespitum (Mollusca)

ORCHID:

Deroceras reticulatum (Mollusca)
Helix aspersa (Mollusca)
Milax gagates (Mollusca)
Oxychilus alliarius (Mollusca)
Pallifera costaricensis crosseanus (Mollusca)
Vaginulus occidentalis (Mollusca)
Veronicella moreleti (Mollusca)

HOSTS AND MOLLUSKS

PALM:

Cochlicella ventrosa (Mollusca)

PETROSELINUM:

Cochlicella ventrosa (Mollusca)

Otala vermiculata (Mollusca)

Theba pisana (Mollusca)

PHASEOLUS:

Cochlicella ventrosa (Mollusca)

Helicella maritima (Mollusca)

H. pyramidata (Mollusca)

Helix aspersa (Mollusca)

PINUS:

Otala vermiculata (Mollusca)

PRIMULA:

Oxychilus cellarius (Mollusca)

PRUNUS:

Achatina fulica (Mollusca)

Helicella maritima (Mollusca)

QUERCUS:

Cochlicella ventrosa (Mollusca)

RHODODENDRON:

Deroceas caruanae (Mollusca)

ROSA:

Helicella variabilis (Mollusca)

Helix aspersa (Mollusca)

KOSMARINUS:

Cochlicella barbara (Mollusca)

Helicella caperata (Mollusca)

H. conspurcata (Mollusca)

Theba pisana (Mollusca)

SANGUISORBA:

Helicella cespitum (Mollusca)

SOLANUM:

Monacha carthusiana (Mollusca)

SPLIACIA:

Cochlicella barbara (Mollusca)

Helicella conspurcata (Mollusca)

Helix aperta (Mollusca)

TRITICUM:

Helicella caperata (Mollusca)

VICIA:

Helicella cretica (Mollusca)

MOLLUSKS INTERCEPTED WITH HOSTS UNKNOWN

AUTOMOBILE:

Cochlicella ventrosa (Mollusca)

Otala vermiculata (Mollusca)

BAGGAGE:

Achatina achatina (Mollusca)

A. fulica (Mollusca)

Cepaea nemoralis (Mollusca)

Cochlicella barbara (Mollusca)

Helicella maritima (Mollusca)

H. variabilis (Mollusca)

Helix aperta (Mollusca)

H. aspersa (Mollusca)

H. mazzullii (Mollusca)

H. pomatia (Mollusca)

H. radiosa (Mollusca)

Iberus alonensis (Mollusca)

Otala lactea (Mollusca)

O. vermiculata (Mollusca)

Theba pisana (Mollusca)

CARGO:

Achatina fulica (Mollusca)

Bradybaena serotina (Mollusca)

B. similaris (Mollusca)

Cochlicella barbara (Mollusca)

C. conoidea (Mollusca)

C. ventrosa (Mollusca)

Helicella apicina (Mollusca)

H. caperata (Mollusca)

H. cespitum (Mollusca)

H. conspurcata (Mollusca)

H. cretica (Mollusca)

H. derbentina (Mollusca)

H. itala (Mollusca)

H. joppensis (Mollusca)

H. krynickii (Mollusca)

H. littoralis (Mollusca)

H. maritima (Mollusca)

H. pyramidata (Mollusca)

H. variabilis (Mollusca)

H. virgata (Mollusca)

Helix aspersa (Mollusca)

H. figulina (Mollusca)

Lamellaxis clavulinus (Mollusca)

Monacha obstructa (Mollusca)

M. syriaca (Mollusca)

Opeas pyrugula (Mollusca)

Otala lactea (Mollusca)

O. vermiculata (Mollusca)

Oxychilus cellarius (Mollusca)

Theba pisana (Mollusca)

CARGO HOLD:

Cochlicella ventrosa (Mollusca)

FRUIT - UNIDENTIFIED:

Theba pisana (Mollusca)

HERB - UNIDENTIFIED:

Helicella armillata (Mollusca)

H. caperata (Mollusca)

H. cretica (Mollusca)

Helix aspersa (Mollusca)

Monacha olivieri (Mollusca)

LEAF - UNIDENTIFIED:

Helix aspersa (Mollusca)

MAIL:

Helix aperta (Mollusca)

Otala vermiculata (Mollusca)

PLANT - UNIDENTIFIED:

Cochlicella ventrosa (Mollusca)

Helicella cretica (Mollusca)

SEED - UNIDENTIFIED:

Helicella cretica (Mollusca)

Theba pisana (Mollusca)

SOIL:

Helicella candidula (Mollusca)

H. caperata (Mollusca)

H. joppensis (Mollusca)

H. maritima (Mollusca)

H. trochoides (Mollusca)

H. virgata (Mollusca)

Helix aspersa (Mollusca)

Lamellaxis gracilis (Mollusca)

Opeas pumilum (Mollusca)

Sublina octona (Mollusca)

STORES:

Cochlicella ventrosa (Mollusca)

Helicella cretica (Mollusca)

H. itala (Mollusca)

H. maritima (Mollusca)

H. variabilis (Mollusca)

Helix aperta (Mollusca)

H. aspersa (Mollusca)

H. pomatia (Mollusca)

Monacha cantiana (Mollusca)

M. carthusiana (Mollusca)

M. obstructa (Mollusca)

M. olivieri (Mollusca)

Otala lactea (Mollusca)

O. vermiculata (Mollusca)

Theba pisana (Mollusca)

COUNTRIES OF ORIGIN AND MOLLUSKS

AFRICA (country-?):

Achatina achatina
Theba pisana

ALGERIA:

Cochlicella barbara
Helicella cretica

AUSTRALIA:

Cochlicella barbara
Helix aspersa
Theba pisana

AZORES:

Cochlicella ventrosa
Helicella armillata
H. maritima
Helix aspersa
Milax gagates

BELGIUM:

Arianta arbustorum
Helix aperta
Otala vermiculata

BERMUDA:

Bradybaena similaris
Cochlicella ventrosa
Otala lactea
Theba pisana

BRAZIL:

Bradybaena similaris

BULGARIA:

Helicella itala

CANADA:

Oxychilus cellarius

COLOMBIA:

Deroceras reticulatum
Milax gagates
Subulina octona

CRETE:

Cochlicella barbara
C. ventrosa
Helicella cretica
H. trochoides
Theba pisana

CZECHOSLOVAKIA:

Helix pomatia

ECUADOR:

Milax gagates
Vaginulus occidentalis

EL SALVADOR:

Deroceras laeve

ENGLAND:

Arion hortensis
Deroceras caruanae
D. reticulatum
Helicella caperata
H. virgata
Oxychilus cellarius
Theba pisana

EUROPE (country-?):

Helix aperta
H. aspersa

FORMOSA:

Achatina fulica
Bradybaena similaris

FRANCE:

Cochlicella barbara
C. ventrosa
Deroceras reticulatum
Helicella caperata
H. cretica
H. itala
H. maritima
H. variabilis
Helix aspersa
H. pomatia
Milax gagates
Monacha obstructa
Theba pisana

GERMANY:

Arianta arbustorum
Deroceras reticulatum
Helicella candidula
Helix aspersa

GREECE:

Cochlicella barbara
C. ventrosa
Helicella caperata
H. cretica
H. pyramidata
Helix aspersa
H. radiosa
Monacha obstructa
Otala vermiculata
Theba pisana

HAWAII:

Achatina fulica
Bradybaena similaris
Lamellaxis clavulinus

HONDURAS:

Pallifera costaricensis
Vaginulus occidentalis

IRELAND:

Cepaea nemoralis

ISRAEL:

Helicella krynickii
H. variabilis
Theba pisana

ITALY:

Cochlicella barbara
C. conoidea
Deroceras caruanae
Helicella caperata
H. cespitum
H. conspurcata
H. cretica
H. itala
H. maritima
H. pyramidata
H. variabilis
Helix aperta
H. aspersa
H. mazzullii
Milax gagates
Monacha cantiana
M. carthusiana
M. olivieri
Otala vermiculata
Oxychilus alliarius
O. cellarius
Theba pisana

JAMAICA:

Veronicella moreleti

JAPAN:

Bradybaena similaris
Cochlicella barbara
Opeas pyrugula

LEBANON:

Helicella joppensis
Monacha obstructa
M. syriaca

LIBYA:

Helicella apicina
H. caperata
H. cretica
H. maritima
Theba pisana

MEXICO:

Deroceras reticulatum
Helix aspersa
Lamellaxis gracilis
Limax marginatus
Milax gagates
Opeas pumilum
Oxychilus alliarius
Pallifera costaricensis
P. costaricensis crosseanus
Subulina octona
Vaginulus occidentalis
Veronicella moreleti

MONACO:

Helix aspersa
Otala vermiculata
Theba pisana

MOROCCO:

Cochlicella barbara
C. ventrosa
Helix aspersa
Theba pisana

NETHERLANDS:

Helicella gigaxii
H. itala
Otala vermiculata

NEW ZEALAND:

Helix aspersa

NICARAGUA:

Pallifera costaricensis

OKINAWA:

Achatina fulica
Bradybaena serotina
B. similaris
Lamellaxis clavulinus

PORTUGAL:

Arion ater
Cochlicella ventrosa
Deroceras reticulatum
Helicella conspurcata
H. maritima
Helix aspersa
Monacha olivieri
Otala vermiculata
Oxychilus cellarius
Theba pisana

SOUTH AFRICA:

Helix aspersa

SPAIN:

Cochlicella barbara
C. conoidea
C. ventrosa
Helicella caperata
H. cespitum
H. maritima
H. variabilis
H. virgata
Helix aperta
H. aspersa
Iberus alonensis
Limax flavus
Monacha carthusiana
Otala lactea
O. vermiculata
Theba pisana

SVRIA:

Monacha schotti

THAILAND:

Achatina fulica

TUNISIA:

Cochlicella barbara
Helicella apicina
H. conspurcata
H. cretica

COUNTRIES OF ORIGIN AND MOLLUSKS

TURKEY:

Helicella conspurcata
H. cretica
H. derbentina
H. joppensis
H. krynickii
H. littoralis
H. maritima
H. variabilis
Helix figulina
Nonacha cantiana

UNITED ARAB REPUBLIC:

Theba pisana

VIETNAM:

Achatina fulica
Bradybaena similaris
Opeas pyrgula

YUGOSLAVIA:

Cochlicella ventrosa
Deroceras reticulatum
Helicella itala
H. maritima
H. variabilis
Helix aspersa
Monacha carthusiana
Otala lactea
O. vermiculata

UNKNOWN:

Cochlicella ventrosa
Helicella cretica
H. variabilis
H. virgata
Helix aspersa
Monacha carthusiana
M. obstructa
Otala vermiculata
Theba pisana

TABULATION OF DISEASES

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
* <i>Alternaria dianthicola</i> Neerg. <i>Dianthus caryophyllus</i> (carnation)	*England.....	....	1	....	Va.
* <i>Ascochyta boltshauseri</i> Sacc. <i>Vicia</i> sp. (bean)	*Italy.....	1	....	....	N. Y.
<i>Ascochyta citri</i> Penz. <i>Citrus limon</i> (lemon) <i>C. reticulata</i> cv. (cultivar orange) <i>C. sinensis</i> (sweet orange)	Italy, Japan, South Africa, Unknown.	....	5	....	Calif.
<i>Ascochyta oryzae</i> Catt. <i>Oryza sativa</i> (rice) straw	Japan.....	1	....	....	Calif.
* <i>Ascochyta passiflorae</i> Penz. & Sacc. <i>Passiflora edulis</i> (purple granadilla) <i>P. mollissima</i> (softleaf passionfruit) <i>Passiflora</i> sp. (passionfruit)	*Barbados, Colombia, Ecuador, Mexico.	41	1	....	Fla., P. R.
# <i>Ascochyta rubi</i> Sacc. <i>Rubus</i> sp. (leaf)	France.....	....	1	....	N. Y.
<i>Botryosphaeria berengeriana</i> de N. <i>Persea</i> sp. (avocado)	Mexico.....	2	....	....	Tex.
* <i>Bubakia erythroxylois</i> Cumm. <i>Erythroxylois coca</i> (cocaine) leaf	Bolivia, Colombia, *Ecuador, Peru, Unknown.	18	2	....	Fla.
<i>Camarosporium orchidicola</i> Cash & Watson..... <i>Uncidium</i> sp. (leaf)	Guatemala.....	....	....	1	Fla.
<i>Cercospora angraeci</i> Feuill. & Roum. Orchids. (<i>Cyripedium</i> sp., <i>Dendrobium</i> sp., <i>Stanhopea</i> sp., <i>Sobralia</i> sp., and unidentified orchids)	Colombia, India, Mexico, Philippines, Thailand.	....	....	5	Calif., Tex.
<i>Cercospora brachiata</i> Ell. & Ev. <i>Phaseolus vulgaris</i> (string bean)	Puerto Rico.....	2	....	....	P. R.
* <i>Cercospora cajani</i> P. Henn. <i>Cajanus cajan</i> (pigeon pea)	*Puerto Rico.....	1	....	....	P. R.
<i>Cercospora caribaea</i> Chupp & Cif. <i>Manihot esculenta</i> (cassava) leaf	Colombia.....	....	1	....	Tex.
<i>Cercospora cladosporioides</i> Sacc. <i>Olea europaea</i> (olive) leaf	Italy.....	1	....	....	N. Y.
# <i>Cercospora flagellaris</i> Ell. & Martin..... <i>Phytolacca</i> sp. (pokeweed leaf)	Jamaica.....	....	1	....	Tex.
<i>Cercospora genipae</i> Rangel..... <i>Genipa americana</i> (marmaladebox) leaf	Panama.....	1	....	....	Fla.
# <i>Cercospora guianensis</i> F. L. Stev. & Solh. <i>Lantana</i> sp. (leaf)	Haiti.....	1	....	....	Fla.
<i>Cercospora insulana</i> Sacc. <i>Limonium sinuatum</i> (statice)	Guatemala, Mexico.....	12	....	....	Fla., La., Tex.
* <i>Cercospora ipomoeae</i> Wint. <i>Ipomoea</i> sp. (leaf)	Hawaii.....	....	....	1	Hawaii
<i>Cercospora kaki</i> Ell. & Ev. <i>Diospyros kaki</i> (kaki persimmon)	Japan.....	1	4	....	Calif.
<i>Cercospora kalmiae</i> Ell & Ev. <i>Kalmia latifolia</i> (mountain laurel) leaf	England(?), Europe (country-?), Unknown.	....	19	....	N. Y.
* <i>Cercospora myrticola</i> Speg. <i>Myrtus</i> sp. (myrtle leaf)	*Israel.....	....	....	1	N. Y.
* <i>Cercospora nicotianae</i> Ell. & Ev. <i>Nicotiana tabacum</i> (tobacco) leaf	*Brazil, Colombia, *Jamaica.	3	....	....	Fla.
<i>Cercospora penzillii</i> Sacc. <i>Citrus</i> sp. (leaf)	Dominican Republic....	3	....	....	N. Y.
* <i>Cercospora piperis</i> Pat. <i>Piper</i> sp. (leaf)	*Jamaica.....	1	....	....	Fla.
* <i>Cercospora punicae</i> P. Henn. <i>Punica granatum</i> (pomegranate)	*Brazil, Dominican Republic, *El Salvador, Guatemala, *Honduras.	6	....	....	Fla., La., P. R., Tex.
* <i>Cercospora sapindi</i> Obregon-Brotero..... <i>Melicocca bijuga</i> (genip)	*Jamaica, *Nicaragua, Panama.	5	....	....	Fla.
* <i>Cercospora stachytarphetae</i> Ell. & Ev. <i>Stachytarpheta jamaicensis</i> (leaf)	*Haiti.....	1	....	....	Fla.
* <i>Cercospora violae</i> Sacc. <i>Viola</i> sp. (leaf)	*Puerto Rico.....	....	....	1	Fla.
<i>Cerotelium fici</i> (Butl.) Arth. <i>Ficus carica</i> (fig) leaf	Costa Rica, Ecuador...	3	1	....	Fla.
* <i>Chaconia ingae</i> (Syd.) Cumm. <i>Inga</i> sp.	Colombia.....	1	....	....	Fla.

*First from country
#First interception

TABULATION OF DISEASES

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Chaetothyria tenuissima</i> (Petch) Arx..... <i>Spondias mombin</i> (yellow mombin)	Dominican Republic, Puerto Rico.	3	....	....	P. R.
<i>Chrysomyxa ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile..... <i>Rhododendron</i> sp. (azalea leaf)	Austria, Europe (country-?), Germany, Switzerland.	13	1	1	Ill., N. Y., Tex.
* <i>Cladosporium cladosporioides</i> (Fr.) de Vries..... <i>Moluccella</i> sp. (shellflower leaf)	*Mexico.....	1	....	....	Tex.
# <i>Cladosporium trichophilum</i> Petr. & Cif. <i>Lantana</i> sp. (leaf)	Haiti.....	1	....	....	Fla.
* <i>Clypeolella leemingii</i> (Ell. & Ev.) Theiss. <i>Galax</i> sp. (leaf)	*France.....	....	1	....	N. Y.
<i>Coccostroma chamaedoreae</i> (Syd.) Arx & Muller..... <i>Chamaedorea oblongata</i> (palm leaf) <i>Chamaedorea</i> sp. (palm) leaf	Mexico.....	5	....	....	Tex.
* <i>Coleosporium asterum</i> (Diet.) Syd. <i>Solidago</i> sp. (goldenrod leaf)	*Israel.....	1	....	....	N. Y.
<i>Coleosporium plumierae</i> Pat. <i>Plumeria</i> sp. (leaf)	Mexico.....	....	....	1	Tex.
<i>Coleroa senniana</i> (Sacc.) Arx..... <i>Protea</i> sp. (protea leaf)	South Africa.....	5	....	....	N. Y., Va.
# <i>Coniothyrium hederæ</i> (Desm.) Sacc. <i>Hedera helix</i> (English ivy) leaf	England.....	....	1	....	Va.
* <i>Coryneum microstictum</i> Berk. & Br. <i>Rosa</i> sp. (stem)	*Italy.....	....	....	1	N. Y.
# <i>Curvularia inaequalis</i> (Shear) Boed. <i>Chamaedorea</i> sp. (palm leaf)	Mexico.....	1	....	....	Tex.
* <i>Curvularia lunata</i> (Wakk.) Boed. <i>Capsicum</i> sp. (pepper)	Dominican Republic....	1	....	....	P. R.
<i>Cycloconium oleaginum</i> Cast. <i>Olea europaea</i> (olive) leaf	Italy.....	1	....	....	N. Y.
<i>Cylindrosporium castanicolum</i> (Desm.) Berl. <i>Castanea</i> sp. (chestnut leaf)	Italy.....	1	2	....	N. Y.
<i>Cylindrosporium juglandis</i> Wolf..... <i>Juglans regia</i> (English walnut) leaf	Mexico.....	1	....	....	Ariz.
# <i>Cylindrosporium salicinum</i> (Pk.) Dearn. <i>Salix</i> sp. (leaf)	Mexico.....	2	....	....	Ariz.
# <i>Dendrophoma iridis</i> Roum. & Fautr. <i>Iris</i> sp. (leaf)	Okinawa.....	....	....	1	Hawaii
* <i>Diaporthe arctii</i> (Lasch) Nits. <i>Cocos nucifera</i> (coconut) <i>Heracleum mantegazzianum</i> (seed)	Bahamas, *Jamaica, *Soviet Union.	5	1	1	D. C., Fla.
<i>Diaporthe eres</i> Nits. <i>Malus sylvestris</i> (apple)	Mexico.....	1	....	....	Tex.
# <i>Dichotomophthora indica</i> Rao..... <i>Portulaca oleracea</i> (purslane leaf)	Mexico.....	7	....	....	Tex.
<i>Didymella ornithogali</i> Jacques..... <i>Ornithogalum thyrsoides</i> (Cape chinkerinchee)	South Africa.....	3	....	....	Calif.
<i>Didymium squamulosum</i> (Alb. & Schw.) Fr. <i>Chamaedorea</i> sp. (palm leaf)	Mexico.....	1	....	....	Tex.
<i>Diplodia cococarpa</i> Sacc. <i>Cocos nucifera</i> (coconut)	Hawaii.....	....	....	1	Calif.
* <i>Diplodia epicocos</i> Cke. <i>Cocos nucifera</i> (coconut)	Bahamas, Colombia, *Guatemala, Jamaica, *Kwajalein, Unknown.	22	1	....	Fla., Hawaii
<i>Diplodia oryzae</i> I. Miyake..... <i>Oryza sativa</i> (rice straw)	India, Japan, Korea...	1	23	....	Calif.
<i>Diplodina euhododendri</i> Voss..... <i>Rhododendron maccabeanum</i> (leaf)	England.....	....	....	3	Calif.
# <i>Diplodina parasitica</i> (Hart.) Prill. <i>Picea</i> sp. (spruce cone)	France(?).....	1	....	....	Ala.
<i>Discella strobilina</i> (Desm.) Died. <i>Picea</i> sp. (spruce cone)	Europe (country-?), Germany.	4	....	....	N. Y., Ohio
<i>Discohainesia oenotherae</i> (Cke. & Ell.) Nannf. <i>Quercus chrysolepsis</i> (leaf)	England.....	....	....	1	N. J.
* <i>Dothiorella barringtoniae</i> (Cke. & Mass.) Petr. & Syd.	*Fiji.....	1	....	....	Calif.
<i>Barringtonia speciosa</i> (seed)					
* <i>Urechislera ravenelii</i> (Curt.) Subr. & Jain..... <i>Sporobolus</i> sp. (seed)	*Mexico.....	1	....	....	Tex.

*First from country
#First interception

TABULATION OF DISEASES

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN-
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Elsinoe australis</u> Bitanc. & Jenkins..... <u>Citrus aurantifolia</u> (lime) <u>C. limon</u> (lemon) <u>C. paradisi</u> (grapefruit) <u>C. reticulata</u> cv. (cultivar orange) <u>C. sinensis</u> (sweet orange) <u>Citrus</u> sp. (fruit)	Argentina, Brazil, Paraguay, South America (country-?).	49	432	....	Ala., Am. V.I., Calif. Fla., Ca., Hawaii, Ill., La., Md., N. C., N. Y., Pa., P. R., S. C., Tex., Va.
* <u>Elsinoe mangiferae</u> Bitanc. & Jenkins..... <u>Mangifera indica</u> (mango)	Antigua, Bahamas, Barbados, Brazil, British Honduras, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, *Ghana, Guatemala, Guyana, Haiti, Honduras, India, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, St. Lucia, Trinidad, Venezuela, Unknown. Puerto Rico.....	207	15	....	Fla., La., N. Y., P. R., Tex.
<u>Elsinoe phaseoli</u> Jenkins..... <u>Phaseolus linatus</u> (lima bean) pods		1	....	....	Fla.
* <u>Elsinoe piri</u> (Wor.) Jenkins..... <u>Malus sylvestris</u> (apple)	*Mexico, Switzerland...	2	....	....	N. Y., Tex.
* <u>Eutypella cocos</u> Ferd. & Winge..... <u>Cocos nucifera</u> (coconut) <u>Exosporium palmivorum</u> Sacc. <u>Chamaedorea</u> sp. (palm leaf)	*El Salvador..... Mexico.....	1	....	....	Calif. N. Y.
# <u>Fomes applanatus</u> (Pers.) Gill. Orchid (plant)	Nicaragua.....	....	....	1	Fla.
* <u>Gnomonia leptostyla</u> (Fr.) Ces. & de N. <u>Juglans</u> sp. (walnut)	*Poland.....	1	....	....	N. Y.
* <u>Gnomonia setacea</u> (Pers.) Ces. & de N. <u>Quercus</u> sp. (leaf) <u>Graphiola borassi</u> Syd. & Butl. <u>Borassus flabellifer</u> (palmyra stalk)	*Switzerland..... India.....	....	....	1	N. J. La., Tex.
# <u>Graphiola cocoina</u> Pat. <u>Cocos nucifera</u> (coconut) leaf	Bora Bora.....	....	....	1	Calif.
# <u>Griggsia cyathea</u> F. L. Stevens & Dalber..... <u>Cyathea</u> sp. (leaf)	Australia.....	....	....	1	Hawaii
<u>Guignardia citricarpa</u> Kiely..... <u>Citrus aurantium</u> (sour orange) <u>C. limon</u> (lemon) <u>C. paradisi</u> (grapefruit) <u>C. reticulata</u> cv. (cultivar orange) <u>C. sinensis</u> (sweet orange) <u>Citrus</u> sp. (fruit & dried peel)	Argentina, Asia (country-?), Australia, Brazil, Ceylon, China, Formosa, Hong Kong, Indonesia, Japan, Korea, Malaysia, Okinawa, Pakistan, Peru, Philippines, Singapore, South Africa, Thailand, Vietnam, Unknown. Unknown.....	230	367	....	Ala., Alaska, Calif., Fla., Ca., Hawaii, Ill., La., Mass., Mich., N. C., N. J., N. Y., Pa., P. R., Oreg., S. C., Tex., Va., Wash.
<u>Guignardia galactina</u> (Dearn. & House) Sacc. <u>Galax</u> sp. (leaf)	Unknown.....	....	1	....	N. Y.
<u>Guignardia traversi</u> (Cav.) Lind. <u>Epidendrum</u> sp. (leaf)	Mexico.....	....	....	1	Tex.
<u>Gymnosporangium cornutum</u> Kern..... <u>Sorbus aucuparia</u> (European mountain ash) leaf	Norway.....	1	....	....	N. Y.
<u>Gymnosporangium haraeaeum</u> Syd. <u>Juniperus chinensis</u> (leaf)	Japan.....	....	....	1	Wash.
* <u>Heterosporium avenae</u> Oud. <u>Avena sativa</u> (oat straw) <u>Triticum</u> sp. (wheat)	*England, Mexico, Spain.	3	....	....	Ariz., La., N. Y.
<u>Kuehneola japonica</u> Diet. <u>Rosa</u> sp. (leaf)	Japan.....	7	....	....	Hawaii
* <u>Kuehneola uredinis</u> (Lk.) Arth. <u>Rubus</u> sp. (leaf)	England, France, *Germany, Greece, *Italy, *Netherlands, Unknown.	....	302	....	Alaska, N. Y., Va.
* <u>Leptosphaeria eustomoides</u> Sacc. <u>Triticum aestivum</u> (wheat) leaf	*China, *Switzerland...	1	1	Calif., N. Y.

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TABULATION OF DISEASES

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Leptosphaeria iwamotoi</u> I. Miyake.....	Japan.....	....	1	....	Tex.
<u>Oryza sativa</u> (rice hulls)					
<u>Leptosphaeria oryzina</u> Sacc.	Formosa, India, Japan, Korea.	5	74	....	Calif.
<u>Oryza sativa</u> (rice straw)					
<u>Leptosphaeria protearum</u> Syd.	South Africa.....	6	....	....	N. Y.
<u>Protea</u> sp. (leaf)					
* <u>Leptosphaerulina australis</u> McAlp.	*Japan.....	....	1	....	Calif.
<u>Capsicum</u> sp. (pepper)					
* <u>Lophodermium arundinaceum</u> (Schrad.) Chev.	Austria, *England, Germany.	2	....	1	N. J., Pa., Tex.
<u>Helietotrichon sempervirens</u> (leaf)					
<u>Phragmites communis</u> (reed mats)					
<u>Macrophoma araucariae</u> De Lac.	Norfolk Island.....	....	....	2	Calif.
<u>Araucaria excelsa</u> (Norfolk Island pine) seed					
* <u>Macrophoma cocos</u> Pass.	Hawaii, *Kwajalein....	5	1	....	Calif.
<u>Cocos nucifera</u> (coconut)					
* <u>Macrophoma oleae</u> (DC.) Berl. & Vogl.	*Cyprus, Greece, Italy, Lebanon.	52	....	....	N. Y.
<u>Olea europaea</u> (olive)					
<u>Marssonina juglandis</u> (Lib.) Magn.	Italy, Yugoslavia.....	2	....	1	N. Y.
<u>Carya</u> sp. (hickory leaf)					
<u>Juglans regia</u> (English walnut)					
* <u>Marssonina ochroleuca</u> (Berk. & Curt.) Lentz.....	Yugoslavia.....	1	....	....	N. Y.
<u>Castanea</u> sp. (chestnut)					
# <u>Marssonina truncatula</u> (Sacc.) Magn.	Greece.....	....	1	....	N. Y.
<u>Acer pseudoplatanus</u> (synamore maple) leaf					
* <u>Melampsora ricini</u> Pass.	Dominican Republic....	1	....	....	N. Y.
<u>Ricinus communis</u> (castorbean)					
<u>Melampsoridium betulinum</u> (Fr.) Kleb.	Norway.....	....	....	1	Wash.
<u>Betula</u> sp. (plant)					
<u>Melanomma glumarum</u> Miyake.....	Japan.....	....	3	....	Calif.
<u>Oryza sativa</u> (rice hulls)					
* <u>Monilinia fructigena</u> (Aderh. & Ruhl.) Honey.....	Bulgaria, Denmark(?), England, Europe (country-?), France, Germany, Greece, *Israel, Italy, Netherlands, Portugal, Soviet Union, Spain, Sweden, Switzerland, Unknown.	13	36	1	Calif., D. C., N. Y., Pa., Va.
<u>Malus sylvestris</u> (apple)					
<u>Prunus domestica</u> (plum)					
<u>P. persica</u> (peach)					
<u>Prunus</u> sp. (cherry)					
<u>Pyrus communis</u> (pear)					
<u>Mycosphaerella alyxiae</u> Petr.	Hawaii.....	1	....	....	Hawaii
<u>Alyxia olivaeformis</u> (maile) leaf					
<u>Mycosphaerella cattleyae</u> Cash & Watson.....	Costa Rica, El Salvador, Guatemala, Nicaragua, Panama.	....	....	12	Fla.
Orchids. (<u>Cattleya bowringiana</u> , <u>C. skinneri</u> , <u>Cattleya</u> sp., <u>Epidendrum difforme</u> , <u>E. radicans</u> , <u>Sorbralia</u> sp., and unidentified orchids)					
* <u>Mycosphaerella clintoniana</u> House.....	*Portugal.....	1	....	....	N. Y.
<u>Rhododendron</u> sp. (leaf)					
# <u>Mycosphaerella fraxinicola</u> (Schw.) House.....	Mexico.....	1	....	....	Ariz.
<u>Fraxinus</u> sp. (leaf)					
* <u>Mycosphaerella patouillardii</u> (Sacc.) Maire & Werner...	Italy, *Spain.....	1	1	....	N. Y.
<u>Buxus</u> sp. (boxwood leaf)					
* <u>Mycosphaerella tassiana</u> (de N.) Johans.	Formosa, France, Hong Kong, Italy *Jamaica, Japan, *Singapore, Sweden.	2	153	....	Calif., Fla., N. Y., Pa., Tex.
<u>Allium ampeloprasum</u> (leek) leaf					
<u>A. cepa</u> (onion) leaf					
<u>A. fistulosum</u> (Welsh onion) leaf					
<u>A. sativum</u> (garlic) leaf					
<u>Allium</u> sp. (leaf)					
<u>Secale cereale</u> (rye) stem					
* <u>Periconia hispidula</u> (Pers.) Mason & M. B. Ellis.....	*Soviet Union.....	....	....	1	N. Y.
Grain (stem)					
* <u>Phaeoseptoria oryzae</u> Miyake.....	Japan, *Vietnam.....	1	6	....	Calif.
<u>Oryza sativa</u> (rice hulls & straw)					
<u>Phakopsora gossypii</u> (Arth.) Hirat f.	Haiti, Dominican Republic.	2	....	....	N. Y.
<u>Gossypium</u> sp. (leaf)					
Leaf - unidentified					
* <u>Phakopsora incompleta</u> (Syd.) Cumm.	Asia (country-?), *Kenya.	1	1	D. C., Ill.
<u>Polytrias amaura</u> (Java grass)					
<u>Themeda triandra</u> (leaf & stem)					

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
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* <i>Phakopsora jatrophilicola</i> Cumm. Jatropha curcas (barbadosnut) leaf J. gossypifolia (bellyache nettlespruge) leaf	Dominican Republic, *Ecuador, Haiti, *Honduras, *Jamaica.	11	Fla., N. Y.
* <i>Phleospora pistaciae</i> Petr. Pistacia sp. (pistache husk)	*Jordan, *Lebanon, *Libya.	3	....	....	N. Y.
# <i>Phoma begoniae</i> F. Tassi..... Begonia sp. (stem)	Israel(?).....	....	....	1	N. Y.
# <i>Phoma chrysanthemi</i> Vogl. Chrysanthemum morifolium (leaf)	Japan.....	1	....	....	Calif.
# <i>Phoma ilicina</i> Ell. & F. W. Anderson..... Ilex sp. (stem)	Chile.....	....	1	....	Fla.
* <i>Phoma insidiosa</i> Tassi..... Sorghum bicolor (sorghum) seed	*Nicaragua.....	1	....	....	Tex.
* <i>Phoma julibrissin</i> Pass. & Roum. Albizzia lebek (leaf)	*Haiti.....	1	....	....	Fla.
* <i>Phoma samararum</i> Desm. Acer negundo (seed)	*Austria.....	....	....	1	N. J.
* <i>Phoma strobiligena</i> Desm. Picea sp. (spruce cone) Pinus sp. (pine cone)	*Czechoslovakia, Germany.	1	....	2	N. Y.
# <i>Phomopsis abietina</i> (Hart.) Wilson & Hahn..... Picea pungens (blue spruce cone)	Germany(?).....	1	....	....	Ohio
# <i>Phomopsis bougainvilleae</i> Camara..... Bougainvillea marietta (stem)	Philippines.....	....	....	1	Calif.
<i>Phomopsis cocoes</i> Petch..... Cocos nucifera (coconut)	Hawaii.....	5	....	....	Calif.
* <i>Phomopsis conorum</i> (Sacc.) Died. Pseudotsuga taxifolia (seed)	*Argentina.....	....	....	1	Tex.
# <i>Phomopsis imperialis</i> (Sacc. & Roum.) Grove..... Paulownia lilicina (seed)	England.....	....	....	1	Calif.
# <i>Phomopsis liriiodendri</i> Grove..... Liriiodendron tulipifera contortum (stem)	England.....	....	....	1	N. J.
* <i>Phomopsis palmicola</i> (Wint.) Sacc. Areca catechu (betel nut)	*Saipan.....	1	....	....	Calif.
<i>Phyllachora gratissima</i> Rehm..... Persea sp. (avocado leaf)	Mexico.....	1	....	....	Tex.
* <i>Phyllosticta astragali</i> Pk. Astragalus glycyphylloides (leaf & seed pod)	*Soviet Union.....	....	....	1	D. C.
# <i>Phyllosticta aurantiicola</i> (Berk. & Cke.) Sacc. Citrus sp. (leaf)	Dominican Republic....	1	....	....	N. Y.
<i>Phyllosticta berolinensis</i> P. Henn. Rhododendron sp. (leaf)	Unknown.....	....	1	....	N. Y.
# <i>Phyllosticta bromeliicola</i> Batista & Vital..... Bromeliad (leaf)	Guatemala.....	....	....	1	Calif.
# <i>Phyllosticta dearnessii</i> Sacc. Rubus sp. (leaf)	France.....	....	1	....	N. Y.
<i>Phyllosticta decidua</i> Ell. & Kell. Monarda sp. (leaf)	Mexico.....	....	....	1	Ariz.
* <i>Phyllosticta dracaenae</i> Griff. & Maubl. Dracaena fragrans (leaf)	*Costa Rica.....	....	....	1	Fla.
* <i>Phyllosticta galactis</i> (Cke.) Ell. & Ev. Galax sp. (leaf)	*Germany.....	....	1	....	N. Y.
# <i>Phyllosticta hederæ</i> Sacc. & Roum. Hedera helix (English ivy) leaf	England.....	1	....	....	N. Y.
* <i>Phyllosticta hibiscina</i> Ell. & Ev. Hibiscus sp. (leaf)	*Germany.....	....	1	....	N. Y.
<i>Phyllosticta maculiformis</i> Sacc. Castanea sp. (chestnut leaf)	Italy(?).....	....	1	....	N. Y.
<i>Phyllosticta oryzae</i> Hori..... Oryza sativa (rice straw)	Japan.....	....	1	....	Calif.
* <i>Phyllosticta oryzina</i> (Sacc.) Padw. Oryza sativa (rice straw)	*India, *Korea.....	1	2	....	Calif.
<i>Phyllosticta ruscicola</i> Dur. & Mont. Ruscus sp. (leaf)	Italy.....	1	....	....	Pa.
* <i>Phyllosticta saccardoi</i> Thuem. Rhododendron sp. (leaf)	*England(?), *Netherlands.	....	....	1	N. J., N. Y.
# <i>Phyllosticta sinuosa</i> Ell. & Martin..... Olea europaea (olive) leaf	Cyprus.....	1	....	....	N. Y.
* <i>Phyllosticta superficialis</i> F. L. Stevens..... Passiflora ligularis (sweet passion fruit)	*Mexico.....	1	Ariz.

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# <i>Phyllostictina anonicola</i> Batista & Vital..... Annona muricata (soursop) leaf	Dominican Republic....	1	N. Y.
* <i>Phyllostictina ilicicola</i> (Cke. & Ell.) Hoehn. Ilex sp. (holly leaf)	*Switzerland.....	1	....	....	Tex.
<i>Phyllostictina mangiferae</i> Batista & Vital..... Mangifera indica (mango) leaf	Mexico.....	1	....	....	Ariz.
<i>Phyllostictina musarum</i> (Cke.) Petr. Orchids. (<i>Cypripedium</i> sp., <i>Dendrobium</i> sp., <i>Epidendrum</i> sp., <i>Sobralia</i> sp., and unidentified orchids)	Philippines, Unknown, Thailand.	....	....	5	Calif., N. Y., Hawaii, Tex.
# <i>Phyllostictina vaccinii</i> Shear..... Vaccinium sp. (leaf)	Germany(?).....	....	1	....	N. Y.
* <i>Pileolaria terebinthi</i> Cast. Pistacia sp. (leaf)	*France.....	1	....	....	N. Y.
# <i>Pleospora pellita</i> (Fr.) Rob. var. <i>oligostachyae</i> (Ell. & Ev.) Wehmeyer..... Grain - unidentified	Mexico.....	1	....	....	Ariz.
* <i>Pleospora thuemeniana</i> Sacc. Dasyliuron sp. (leaf) Packing material (leaf)	*Mexico.....	1	....	1	Ariz.
# <i>Prospodium paraguayensis</i> Speg.(?)..... Lippia sp. (leaf)	Peru.....	1	....	....	Fla.
* <i>Puccinia arenariae</i> (Schum.) Wint. Dianthus barbatus (sweet william) leaf D. caryophyllus (carnation) stem	Germany, *Poland, Unknown.	2	1	....	Ill., N. Y., Pa.
* <i>Puccinia buxi</i> DC. Buxus sempervirens (boxwood) leaf Buxus sp. (leaf)	*Austria, England, France, Ireland, Italy, Unknown. Panama.....	4	23	1	Calif., Ill., Mass., Mich., N. Y., Pa.
# <i>Puccinia cinnamomae</i> Diet. & Holw. Spiranthes sp. (leaf)	Peru.....	1	....	....	Fla.
# <i>Puccinia crassicutis</i> Syd. Mutisia acuminata (leaf)	Jamaica.....	1	....	....	N. Y.
* <i>Puccinia eleocharidis</i> Arth. Eleocharis cellulosa (stem)	Japan.....	....	1	....	Hawaii
# <i>Puccinia eulaliae</i> Barcl.(?)..... Miscanthus sp. (leaf)	Japan.....	79	209	1	Alaska, Calif., Hawaii, Wash. Fla.
# <i>Puccinia horiana</i> P. Henn. Chrysanthemum morifolium (leaf)	Bolivia.....	1	....	....	Fla.
# <i>Puccinia liabi</i> Mayor..... Liabum sp. (leaf)	*Honduras, Jamaica, *Trinidad.	6	2	10	Fla., N. Y.
* <i>Puccinia psidii</i> Wint. Pimenta dioica (allspice) leaf	*Colombia, Jamaica....	1	1	....	Fla., N. Y.
* <i>Puccinia thaliae</i> Diet. Canna coccinea (leaf) Canna sp. (leaf)	Bahamas, *Ecuador, Haiti, Jamaica.	6	....	....	Fla., N. Y.
# <i>Pucciniastrum areolatum</i> (Fr.) Otth. Picea sp. (spruce seed)	India.....	....	....	1	N. J.
<i>Pyrenochaeta oryzae</i> I. Miyake..... Oryza sativa (rice straw)	India, Japan, Korea...	2	11	....	Calif., Wash.
# <i>Ravenelia hieronymi</i> Speg. Acacia sp. (leaf & stem)	Mexico.....	1	....	....	Ariz.
# <i>Ravenelia roemeriana</i> Long..... Acacia farnesiana (seed pods)	Nicaragua.....	....	....	2	La.
<i>Scirrhia rimosa</i> (Alb. & Schw.) Fckl. Phragmites communis (reed mats)	Poland.....	1	....	....	Tex.
* <i>Sclerotiopsis testudinea</i> Dearn. Paeonia moutan (stem) Paeonia sp. (stem)	Japan, *Korea.....	....	....	7	Calif.
# <i>Seimatosporium lichenicola</i> (Cda.) Shoemaker & Muller.. Vitis sp. (grape stem)	Italy.....	1	....	....	N. Y.
* <i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson... Triticum sp. (leaf & stem)	*Portugal.....	1	....	....	Calif.
<i>Septogloeum oxysporum</i> Bomm. Rouss. & Sacc. Pinus sp. (pine forest litter)	Mexico.....	1	Tex.
<i>Septoria alliorum</i> West. Allium ampeloprasum (leek) leaf	France.....	1	N. Y.

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<u>Septoria citri</u> Pass. <u>Citrus aurantium</u> (sour orange) <u>C. grandis</u> (pummelo) <u>C. limon</u> (lemon) <u>C. paradisi</u> (grapefruit) <u>C. sinensis</u> (sweet orange) <u>Citrus</u> sp. (fruit)	Australia, Ecuador, Greece, Italy, Japan, New Zealand, Panama, Spain, Unknown.	3	26	Ala., Calif., Fla., N. Y., Ohio, Pa., Tex.
# <u>Septoria cocoina</u> Ell. & Ev. <u>Chamaedorea</u> sp. (palm leaf)	Mexico.....	....	1	....	N. Y.
<u>Septoria fructigena</u> Berk. & Curt. <u>Passiflora</u> sp. (passion fruit)	Azores.....	1	....	....	Mass.
<u>Septoria gentianae</u> Thuem. <u>Gentiana makinoi</u> (makino gentian) leaf	Japan.....	2	3	....	Calif., Hawaii
# <u>Septoria martiniana</u> Sacc.(?)..... <u>Acacia</u> sp. (stem)	Australia.....	1	....	....	Calif.
* <u>Septoria oryzae</u> Catt. <u>Oryza sativa</u> (rice straw)	*Formosa, Japan, Korea.	4	49	....	Calif.
* <u>Septoria selenophomoides</u> Cash & Watson..... Orchids: (<u>Dendrobium gibsonii</u> , <u>D. musciferum</u> , <u>Dendrobium</u> sp., <u>Dendrochilum filiforme</u> , <u>Masdevallia rolfeana</u> , and unidentified orchids)	Australia, Brazil, *Costa Rica, England, Guatemala, India, Mexico, *Panama, *Philippines, Thailand.	....	....	14	Ariz., Calif., Fla., Hawaii, N. J., Tex.
<u>Sphaceloma fawcettii</u> Bitanc. & Jenkins var. <u>scabiosa</u> (McAlp. & Tryon) Jenkins.....	Australia, New Zealand.	1	16	....	Hawaii
<u>Spaceoloma punicae</u> Bitanc. & Jenkins..... <u>Punica granatum</u> (pomegranate)	Mexico.....	5	....	....	Ariz., Calif., Tex.
<u>Sphaceloma spondiadis</u> Bitanc. & Jenkins..... <u>Spondias mombin</u> (yellow mombin)	Guatemala(?).....	1	....	....	Calif.
<u>Sphenospora kevorkianii</u> Linder..... Orchids: (<u>Bletia</u> sp., <u>Cattleya</u> sp., <u>Compartmentia falcata</u> , <u>Diacrium bicornutum</u> , <u>Diacrium</u> sp., <u>Dichaea</u> sp., <u>Epidendrum difforme</u> , <u>E. strictum</u> , <u>E. tampense</u> , <u>Epidendrum</u> sp., <u>Ionopsis</u> sp., <u>Maxillaria</u> sp., <u>Miltonia roezlii</u> , <u>M. vexillaria</u> , <u>Odontoglossum</u> <u>spilotantum</u> , <u>Odontoglossum</u> sp., <u>Oncidium</u> <u>cucullatum</u> , <u>O. macranthum</u> , <u>O. phalaenopsis</u> , <u>Oncidium</u> sp., <u>Ornithocephalus</u> sp., <u>Phalaenopsis</u> sp., <u>Stanhopea</u> sp., <u>Zygopetalum</u> <u>dayanum</u> , <u>Zygopetalum</u> sp., and unidentified orchids)	Bahamas, Brazil, British Honduras, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Nicaragua, Panama, Peru, Surinam, Trinidad, Venezuela	....	....	66	Calif., Fla., N. Y., P. R.
<u>Spilocaea eriobotryae</u> (Cav.) Hughes..... <u>Eriobotrya japonica</u> (loquat)	Italy.....	4	....	....	Mass., N. Y.
<u>Stereostromatum corticioides</u> (Berk. & Br.) Magn. <u>Bambusa</u> sp. (bamboo pole)	Japan.....	1	....	....	N. C.
<u>Stomatogone agaves</u> (Ell. & Ev.) Th. <u>Agave</u> sp. (leaf)	Mexico.....	....	....	2	Ariz.
<u>Thecaphora solani</u> Barrus..... <u>Solanum stoloniferum</u> (stem) <u>S. tuberosum</u> (potato) tuber	Mexico.....	2	....	....	Calif., Tex.
* <u>Thyronectria pseudotrichia</u> (Schw.) Seeler..... Wood - unidentified	*Formosa.....	1	....	....	N. J.
* <u>Tilletia barclayana</u> (Bref.) Sacc. & Syd. <u>Oryza sativa</u> (rice hulls) <u>Oryza</u> sp. (kernel)	*China, Formosa, Hong Kong, Japan, Korea, *Senegal, Unknown.	3	116	1	Calif., D. C.
# <u>Tolyposporium bullatum</u> (Schroet.) Schroet. Grain - unidentified seed	India.....	1	....	....	N. Y.
* <u>Tranzschelia discolor</u> (Fckl.) Tranz. & Litv. <u>Prunus amygdalus</u> (almond) <u>P. domestica</u> (plum) <u>P. persica</u> (peach) <u>P. persica</u> var. <u>nectarina</u> (nectarine)	Argentina, Colombia, Ecuador, El Salvador, Guatemala, *Honduras, *Italy, *Panama, *Peru, *South Africa, Unknown.	16	24	....	Fla., N. Y., P. R.
<u>Trematosphaerella oryzae</u> (Miyake) Padw. <u>Oryza sativa</u> (rice straw)	Japan.....	1	Oreg.
<u>Trullula olivascens</u> Sacc. <u>Citrus sinensis</u> (sweet orange)	Unknown.....	1	N. Y.

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* <u>Uredo anthurii</u> (Har.) Sacc. <u>Anthurium</u> sp. (leaf)	*Costa Rica.....	1	Fla.
<u>Uredo behnickiana</u> P. Henn. Orchids: (<u>Epidendrum spondiadum</u> , <u>Epidendrum</u> sp., <u>Oncidium</u> sp., and unidentified orchids)	Brazil, Costa Rica, Mexico, Nicaragua.	6	Fla., Tex.
# <u>Uredo geniculata</u> Cumm. <u>Sorghum halepense</u> (leaf & stem)	Mexico.....	1	....	....	Tex.
* <u>Uredo nidularii</u> P. Henn. Bromeliad (leaf)	Colombia, *Ecuador, Jamaica.	....	....	4	Fla.
* <u>Uredo phaji</u> Racib. <u>Bulbophyllum</u> sp. (leaf)	*Formosa.....	....	....	1	N. J.
<u>Uredo scabies</u> Cke. Orchid (leaf)	Honduras.....	....	....	1	Fla.
<u>Uredo tillandsiae</u> Cumm. Bromeliad (leaf)	Guatemala, *Nicaragua.	....	....	2	Fla.
<u>Uromyces alyxiae</u> Arth. <u>Alyxia olivaeformis</u> (maile) leaf	Hawaii.....	5	....	....	Hawaii
<u>Uromyces ciceris-arietini</u> (Grog.) Jacz. & Boy. <u>Cicer arietinum</u> (chickpea)	Mexico.....	1	....	....	Tex.
* <u>Uromyces dolicholi</u> Arth. <u>Cajanus cajan</u> (pigeon pea)	*Haiti.....	1	....	....	N. Y.
<u>Uromyces transversalis</u> (Thuem.) Wint. <u>Gладиолус</u> sp. (leaf)	South Africa.....	1	1	....	N. Y.
* <u>Uromyces viciae-fabae</u> (Pers.) Schroet. <u>Lens culinaris</u> (lentil) stem <u>Vicia faba</u> (faba bean)	Argentina, Brazil, Chile Colombia, Ecuador, Greece *Israel, Italy, Mexico, Peru, Unknown.	15	17	....	Ala., Calif., Fla., La., Md., N. Y., Pa., Tex.
<u>Xanthomonas citri</u> (Hasse) Dows. (bacterium)..... <u>Citrus aurantifolia</u> (lime) <u>C. aurantium</u> (sour orange) <u>C. grandis</u> (pummelo) <u>C. limon</u> (lemon) <u>C. paradisi</u> (grapefruit) <u>C. reticulata</u> cv. (cultivar orange) <u>C. sinensis</u> (sweet orange) <u>Citrus</u> sp. (fruit, leaf, & dried peel)	Afghanistan, Australia Formosa, Hong Kong, India, Japan, Korea, Okinawa, Pakistan, Philippines, Singapore, Thailand, Vietnam, Unknown.	92	172	....	Alaska, Calif., Fla., Hawaii, La., Mass., Md., N. C., N. Y., Ohio, Oreg., Pa., S. C., Tex., Va., Wash.
* <u>Xanthomonas solanacearum</u> (E. F. Sm.) Dows. (bacterium)..... <u>Solanum tuberosum</u> (potato) tuber	*Ecuador.....	1	....	....	Fla.
<u>Xanthomonas</u> sp. (Cancrosis B) (bacterium)..... <u>Citrus limon</u> (lemon) <u>C. sinensis</u> (sweet orange)	Argentina.....	1	29	....	Fla., La., N. Y., P. R., S. C.

*First from country
#First interception

HOSTS AND DISEASES

ACACIA:

#*Ravenelia hieronymi*
#*R. roemerianae*
#*Septoria martiniana*

ACER:

#*Marssonina truncatula*
**Phoma samararum*

AGAVE:

Stomatogone agaves

ALBIZZIA:

**Phoma julibrissin*

ALLIUM:

**Mycosphaerella tassiana*
Septoria alliorum

ALYXIA:

Mycosphaerella alyxiae
Uromyces alyxiae

ANNONA:

#*Phyllostictina anonicola*

ANTHURIUM:

**Uredo anthurii*

ARECA:

**Phomopsis palmicola*

ARAUCARIA:

Macrophoma araucariae

ASTRAGALUS:

#*Phyllosticta astragali*

AVENA:

**Heterosporium avenae*

BANBUSA:

Stereostromum corticioides

BARRINGTONIA:

**Dothiorella barringtoniae*

BEGONIA:

#*Phoma begoniae*

BETULA:

Melampsoridium betulinum

BORASSUS:

Graphiola borassi

BOUGAINVILLEA:

#*Phomopsis bougainvilleae*

BROMELIAD:

#*Phyllosticta bromeliicola*

**Uredo nidularii*

**U. tillandsiae*

BULBOPHYLLUM:

**Uredo phaji*

BUXUS:

**Mycosphaerella patouillardii*

**Puccinia buxi*

CAJANUS:

**Cercospora cajani*

**Uromyces dolicholi*

CANNA:

**Puccinia thaliae*

CAPSICUM:

**Curvularia lunata*

**Leptosphaerulina australis*

CARYA:

Marssonina juglandis

CASTANEA:

Cylindrosporium castanicolum

**Marssonina ochroleuca*

Phyllosticta maculiformis

CHAMAEDOREA:

Coccostroma chamaedoreae

#*Curvularia inaequalis*

Didymium squamulosum

Exosporium palmivorum

#*Septoria cocoina*

CHRYSANTHEMUM:

#*Phoma chrysanthemi*

Puccinia horiana

CICER:

Uromyces ciceris-arietini

CITRUS AURANTIFOLIA:

Elsinoe australis

Xanthomonas citri

CITRUS AURANTIUM:

Guignardi citricarpa

Septoria citri

Xanthomonas citri

CITRUS GRANDIS:

Septoria citri

Xanthomonas citri

CITRUS LIMON:

Ascochyta citri

Elsinoe australis

Guignardi citricarpa

Septoria citri

Sphaceloma fawcettii var. *scabiosa*

Xanthomonas citri

Xanthomonas sp. (Cancrosis B)

CITRUS PARADISI:

Elsinoe australis

Guignardia citricarpa

Septoria citri

Xanthomonas citri

CITRUS RETICULATA CV.:

Ascochyta citri

Elsinoe australis

Guignardia citricarpa

Xanthomonas citri

CITRUS SINENSIS:

Ascochyta citri

Elsinoe australis

Guignardia citricarpa

Septoria citri

Trullula olivascens

Xanthomonas citri

Xanthomonas sp. (Cancrosis B)

CITRUS SP.:

Cercospora penzigii

Elsinoe australis

Guignardia citricarpa

#*Phyllosticta aurantiicola*

Septoria citri

Xanthomonas citri

COCOS:

**Diaporthe arctii*

Diplodia cococarpa

**D. epicocos*

**Eutypella cocos*

#*Graphiola cocoina*

**Macrophoma cocos*

Phomopsis cocoes

CYATHEA:

#*Griggsia cyathea*

DASYLIRION:

**Pleospora thumeniana*

DIANTHUS:

**Alternaria dianthicola*

**Puccinia arenariae*

DIOSPYROS:

Cercospora kaki

DRACAENA:

**Phyllosticta dracaenae*

ELEOCHARIS:

**Puccinia eleocharidis*

EPIDENDRUM:

Guignardia traversi

ERIOBOTRYA:

Spilocaea eriobotryae

ERYTHROXYLON:

Bubakia erythroxylois

FICUS:

Cerotelium fici

FRAXINUS:

#*Mycosphaerella fraxinicola*

GALAX:

**Clypeolella leemingii*

Guignardia galactina

**Phyllosticta galactis*

GENIPA:

Cercospora genipae

GENTIANA:

Septoria gentianae

GLADIOLUS:

Uromyces transversalis

GOSSYPIMUM:

Phakopsora gossypii

HEDERA:

#*Coniothyrium hederae*

#*Phyllosticta hederae*

HELIETOTRICHON:

**Lophodermium arundinaceum*

HERACLEUM:

**Diaporthe arctii*

HIBISCUS:

**Phyllosticta hibiscina*

ILEX:

#*Phoma ilicina*

**Phyllostictina ilicicola*

INGA:

**Chaconia ingae*

IPOMOEA:

**Cercospora ipomoeae*

IRIS:

#*Dendrophoma iridis*

JATROPHA:

**Phakopsora jatrophiicola*

JUGLANS:

Cylindrosporium juglandis

**Gnomonia leptostyla*

Marssonina juglandis

JUNIPERUS:

Gymnosporangium haraeaeum

KALMIA:

Cercospora kalmiae

LANTANA:

#*Cercospora guianensis*

#*Cladosporium trichophilum*

LENS:

**Uromyces viciae-fabae*

LIABUM:

#*Puccinia liabi*

LIMONIUM:

Cercospora insulana

LIPPIA:

#*Prospodium paraguayensis*

LIRIODENDRON:

#*Phomopsis liriodendri*

MALUS:

Diaporthe eres

**Elsinoe piri*

Monilinia fructigena

MANGIFERA:

**Elsinoe mangiferae*

*First from country

#First interception

HOSTS AND DISEASES

MANIHOT:

Cercospora caribaea

MELIACOCCA:

*Cercospora sapindi

MISCANTHUS:

#Puccinia eulaliae

MOLUCCELA:

*Cladosporium cladosporioides

MONARDA:

#Phyllosticta decidua

MUSA:

#Phyllostictina musarum

MUTISIA:

#Puccinia crassicutis

MYRTUS:

*Cercospora myrticola

NICOTIANA:

*Cercospora nicotianae

OLEA:

Cercospora cladosporioides

Cycloconium oleaginum

*Macrophoma oleae

#Phyllosticta sinuosa

ONCIDIUM:

Camarosporium orchidicola

ORCHID:

Cercospora angraeci

#Fomes applanatus

Mycosphaerella cattleyae

Phyllostictina pyriformis

*Septoria selenophomoides

Sphenospora kevorkianii

Uredo behnickiana

U. scabies

ORNITHOGALUM:

Didymellina ornithogali

ORYZA:

Ascochyta oryzae

Diplodia oryzae

Leptosphaeria iwamotoi

L. oryzina

Melanomma glumarum

*Phaeoseptoria oryzae

*Phyllosticta oryzae

*Pyrenochaeta oryzae

*Septoria oryzae

*Tilletia barclayana

Trematosphaerella oryzae

PAEONIA:

*Sclerotopsis testudinea

PASSIFLORA:

*Ascochyta passiflorae

*Phyllosticta superficialis

Septoria fructigena

PAULOWNIA:

#Phomopsis imperialis

PERSEA:

Botryosphaeria berengeriana

Phyllachora gratissima

PHASEOLUS:

Cercospora brachiata

PHRAGMITES:

Lophodermium arundinaceum

Scirrhia rimosa

PHYTOLACCA:

#Cercospora flagellaris

PICEA:

#Diplodina parasitica

Discella strobilina

*Phoma strobiligena

#Phomopsis abietina

#Pucciniastrum areolatum

PIMENTA:

*Puccinia psidii

PINUS:

Phoma strobiligena

Septogloeum oxysporum

PIPER:

*Cercospora piperis

PISTACIA:

*Phleospora pistaciae

*Pileolaria terebinthi

PLUMERIA:

Coleosporium plumierae

POLYTRIAS:

Phakopsora incompleta

PORTULACA:

#Dichotomophthora indica

PROTEA:

Coleroa senniana

Leptosphaeria protearum

PRUNUS:

*Monilinia fructigena

*Tranzschelia discolor

PSEUDOTSUGA:

*Phomopsis conorum

PUNICA:

*Cercospora punicae

Sphaceloma punicae

PYRUS:

Monilinia fructigena

QUERCUS:

Discohainesia oenotherae

*Gnomonia setacea

RHODODENDRON:

Chrysomyxa ledi var. rhododendri

Diplodina eurhododendri

*Mycosphaerella clintoniana

Phyllosticta berolinensis

*P. saccardoii

RICINUS:

*Melampsora ricini

ROSA:

*Coryneum microstictum

Kuehneola japonica

RUBUS:

#Ascochyta rubi

*Kuehneola uredinis

#Phyllosticta dearnessii

RUSCUS:

Phyllosticta ruscicola

SALIX:

#Cylindrosporium salicinum

SECALE:

Mycosphaerella tassiana

SOLANUM:

Thecaphora solani

*Xanthomonas solanacearum

SOLIDAGO:

*Coleosporium asterum

SORBUS:

Gymnosporangium cornutum

SORGHUM:

*Phoma insidiosa

#Uredo geniculata

SPIRANTHES:

#Puccinia cinnamomae

SPONDIAS:

Chaetothyria tenuissima

Sphaceloma spondiadiis

SPOROBOLUS:

*Drechslera ravenelii

STACHYTARPHETA:

*Cercospora stachytarphetae

*Puccinia urbaniana

THEMEDA:

*Phakopsora incompleta

TRITICUM:

Heterosporium avenae

*Leptosphaeria eustomoides

*Selenophoma donacis

VACCINIUM:

#Phyllostictina vaccinii

VICIA:

*Ascochyta boltshauseri

Uromyces viciae-fabae

VIOLA:

*Cercospora violae

VITIS:

#Seimatosporium lichenicola

HOSTS UNIDENTIFIED

GRAIN:

*Periconia hispidula

#Pleospora pellita var. oligostachyae

#Tolyposporium bullatum

LEAF:

Phakopsora gossypii

PACKING MATERIAL:

*Pleospora thumeniana

WOOD:

*Thyronectria pseudotrichia

*First from country
#First interception

COUNTRIES OF ORIGIN AND DISEASES

- AFGHANISTAN:
Xanthomonas citri
- ANTIGUA:
Elsinoe mangiferae
- ARGENTINA:
Elsinoe australis
Guignardia citricarpa
*Phomopsis conorum
Tranzschelia discolor
Uromyces viciae-fabae
Xanthomonas sp. (Cancrosis B)
- ASIA (country-?):
Guignardia citricarpa
Phakopsora incompleta
- AUSTRALIA:
#Griggsia cyathea
Guignardia citricarpa
Septoria citri
#S. martiniana
S. selenophomoides
Sphaceloma fawcettii var. scabiosa
Xanthomonas citri
- AUSTRIA:
Chrysomyxa ledi var. rhododendri
Lophodermium arundinaceum
*Phoma samararum
*Puccinia buxi
- AZORES:
Septoria fructigena
- BAHANAS:
Diaporthe arctii
Diplodia epicocos
Elsinoe mangiferae
Puccinia urbaniana
Sphenospora kevorkianii
- BARBADOS:
*Ascochyta passiflorae
Elsinoe mangiferae
- BOLIVIA:
Bubakia erythroxylois
#Puccinia liabi
- BORA BORA:
#Graphiola cocoina
- BRAZIL:
*Cercospora nicotianae
*C. punicae
Elsinoe australis
E. mangiferae
Guignardia citricarpa
Septoria selenophomoides
Sphenospora kevorkianii
Uredo behnickiana
Uromyces viciae-fabae
- BRITISH HONDURAS:
Elsinoe mangiferae
Sphenospora kevorkianii
- BULGARIA:
Monilinia fructigena
- CEYLON:
Guignardia citricarpa
- CHILE:
#Phoma ilicina
Uromyces viciae-fabae
- CHINA:
Guignardia citricarpa
*Leptosphaeria eustomoides
*Tilletia barclayana
- COLOMBIA:
Ascochyta passiflorae
Bubakia erythroxylois
Cercospora caribaea
C. nicotianae
*Ghaconia ingae
Diplodia epicocos
Elsinoe mangiferae
*Puccinia thaliae
- Sphenospora kevorkianii
Tranzschelia discolor
Uredo nidularii
Uromyces viciae-fabae
- COSTA RICA:
Cerotelium fici
Elsinoe mangiferae
Mycosphaerella cattleyae
*Phyllosticta dracaenae
*Septoria selenophomoides
Sphenospora kevorkianii
*Uredo anthurii
U. behnickiana
- CYPRUS:
*Macrophoma oleae
#Phyllosticta sinuosa
- CZECHOSLOVAKIA:
*Phoma strobiligena
- DENMARK:
Monilinia fructigena
- DOMINICAN REPUBLIC:
Cercospora penzigii
C. punicae
Chaetothyria tenuissima
*Curvularia lunata
Elsinoe mangiferae
*Melampsora ricini
Phakopsora gossypii
P. jatrophicola
#Phyllosticta aurantiicola
#Phyllostictina anonicola
Sphenospora kevorkianii
- ECUADOR:
Ascochyta passiflorae
*Bubakia erythroxylois
Cerotelium fici
Elsinoe mangiferae
*Phakopsora jatrophicola
*Puccinia urbaniana
Septoria citri
Sphenospora kevorkianii
Tranzschelia discolor
*Uredo nidularii
Uromyces viciae-fabae
*Xanthomonas solanacearum
- EL SALVADOR:
*Cercospora punicae
Elsinoe mangiferae
*Eutypella cocos
Mycosphaerella cattleyae
Sphenospora kevorkianii
Tranzschelia discolor
- ENGLAND:
*Alternaria dianthicola
#Coniothyrium hederiae
Diplodia eurhododendri
Discohainesia oenotherae
*Heterosporium avenae
Kuehneola uredinis
*Lophodermium arundinaceum
Monilinia fructigena
#Phomopsis imperialis
#P. liriodendri
#Phyllosticta hederiae
*P. saccardoi
Puccinia buxi
Septoria selenophomoides
- EUROPE (country-?):
Cercospora kalmiae
Chrysomyxa ledi var. rhododendri
Discella strobilina
Monilinia fructigena
- FIJI:
*Dothiorella barringtoniae
- FORMOSA:
Guignardia citricarpa
Leptosphaeria oryzina
Mycosphaerella tassiana
*Septoria oryzae
*Thyronectria pseudotrichia
Tilletia barclayana
*Uredo phaji
Xanthomonas citri
- FRANCE:
#Ascochyta rubi
*Clypeolella leemingii
#Diplodina parasitica
Kuehneola uredinis
Monilinia fructigena
Mycosphaerella tassiana
#Phyllosticta dearnessii
*Pileolaria terebinthi
Puccinia buxi
Septoria alliorum
- GERMANY:
Chrysomyxa ledi var. rhododendri
Discella strobilina
*Kuehneola uredinis
Lophodermium arundinaceum
Monilinia fructigena
Phoma strobiligena
#Phomopsis abietina
*Phyllosticta galactis
*P. hibiscina
#Phyllostictina vaccini
Puccinia arenariae
- GHANA:
*Elsinoe mangiferae
- GREECE:
Kuehneola uredinis
Macrophoma oleae
#Marssonina truncatula
Monilinia fructigena
Septoria citri
Uromyces viciae-fabae
- GUATEMALA:
Camarosporium orchidicola
Cercospora insulana
C. punicae
*Diplodia epicocos
Elsinoe mangiferae
Mycosphaerella cattleyae
#Phyllosticta bromeliicola
Septoria selenophomoides
Sphaceloma spondioidis
Sphenospora kevorkianii
Tranzschelia discolor
Uredo tillandsiae
- GUYANA:
Elsinoe mangiferae
- HAITI:
#Cercospora guianensis
*C. stachytarphetae
#Cladosporium trichophilum
Elsinoe mangiferae
Phakopsora gossypii
*Phoma julibrissin
Puccinia urbaniana
*Uromyces dolicholi
- HAWAII:
*Cercospora ipomoeae
Diplodia cococarpa
Macrophoma cocos
Mycosphaerella alixiae
Phomopsis cocoes
Phyllostictina pyriformis
Uromyces alixiae

*First from country
#First interception

HONDURAS:

*Cercospora punicea
Elsinoe mangiferae
 *Phakopsora jatrophiicola
 *Puccinia psidii
Sphenospora kevorkianii
 *Tranzschelia discolor
Uredo scabies

HONG KONG:

Guignardia citricarpa
Mycosphaerella tassiana
Tilletia barclayana
Xanthomonas citri

INDIA:

Cercospora angraeci
Diplodia oryzae
 *Elsinoe mangiferae
Graphiola borassi
Leptosphaeria oryzina
 *Phyllosticta oryzina
 #Pucciniastrum areolatum
Pyrenochaeta oryzae
Septoria selenophomoides
 #Tolyposporium bullatum
Xanthomonas citri

INDONESIA:

Guignardia citricarpa

IRELAND:

Puccinia buxi

ISRAEL:

*Cercospora myrticola
 *Coleosporium asterum
 *Monilinia fructigena
 #Phoma begoniae
 *Uromyces viciae-fabae

ITALY:

*Ascochyta boltshauseri
A. citri
Cercospora cladosporioides
 *Coryneum microstictum
Cycloconium oleaginum
Cylindrosporium castanicolum
 *Kuehneola uredinis
Macrophoma oleae
Marssonina juglandis
Monilinia fructigena
Mycosphaerella patouillardii
M. tassiana
Phyllosticta maculiformis
P. ruscicola
Puccinia buxi
 #Seimatosporium lichenicola
Septoria citri
Spilocaea eriobotryae
Uromyces viciae-fabae
 *Tranzschelia discolor

JAMAICA:

#Cercospora flagellaris
 *C. nicotianae
 *C. piperis
 *C. sapindi
 *Diaporthe arctii
Diplodia epicoccos
Elsinoe mangiferae
 *Mycosphaerella tassiana
 *Phakopsora jatrophiicola
 #Puccinia eleocharidis
P. psidii
P. thaliae
P. urbaniana
Sphenospora kevorkianii
Uredo nidularii

JAPAN:

Ascochyta citri
A. oryzae
Cercospora kaki
Diplodia oryzae

Guignardia citricarpa
Gymnosporangium haraeaeum
Kuehneola japonica
Leptosphaeria iwamotoi
L. oryzina

*Leptosphaerulina australis
Melanomma glumarum
Mycosphaerella tassiana
Phaeoseptoria oryzae
 #Phoma chrysanthemi
Phyllosticta oryzae
 #Puccinia eulaliae
P. horiana
Pyrenochaeta oryzae
Sclerotiopsis testudinea
Septoria citri
S. gentianae
S. oryzae
Stereostromatum corticioides
Tilletia barclayana
Trematosphaerella oryzae
Xanthomonas citri

JORDAN:

*Phleospora pistaciae

KENYA:

*Phakopsora incompleta

KOREA:

Diplodia oryzae
Guignardia citricarpa
Leptosphaeria oryzina
 *Phyllosticta oryzina
Pyrenochaeta oryzae
 *Sclerotiopsis testudinea
Septoria oryzae
Tilletia barclayana
Xanthomonas citri

KWAJALEIN:

*Diplodia epicoccos
 *Macrophoma cocos

LEBANON:

Macrophoma oleae
 *Phleospora pistaciae

LIBYA:

*Phleospora pistaciae

MALAYSIA:

Guignardia citricarpa

MEXICO:

Ascochyta passiflorae
Botryosphaeria berengeriana
Cercospora angraeci
C. insulana
 *Cladosporium cladosporioides
Coccostroma chamaedoreae
Coleosporium plumierae
 #Curvularia inaequalis
Cylindrosporium juglandis
 #C. salicinum
Diaporthe eres
 #Dichotomophthora indica
Didymium squamulosum
 *Drechslera ravenelii
Elsinoe mangiferae
 *E. piri
Exosporium palmivorum
Guignardia traversi
Heterosporium avenae
 #Mycosphaerella fraxinicola
Phyllachora gratissima
Phyllosticta decida
 *P. superficialis
Phyllostictina mangiferae
P. pyriformis
 #Pleospora pellita var. oligostachyae
 *P. thuemeniana
 #Ravenelia hieronymi
Septogloeum oxysporum

#Septoria cocoina
S. selenophomoides
Spaceloma puniceae
Stomatogene agaves
Thecaphora solani
Uredo behnickiana
 #U. geniculata
Uromyces ciceris-arietini
U. viciae-fabae

NETHERLANDS:

*Kuehneola uredinis
Monilinia fructigena
 *Phyllosticta saccardoi

NEW ZEALAND:

Septoria citri
Spaceloma fawcettii var. scabiosa

NICARAGUA:

*Cercospora sapindi
Elsinoe mangiferae
 #Fomes applanatus
Mycosphaerella cattleyae
 *Phoma insidiosa
 #Ravenelia roemerianae
Sphenospora kevorkianii
Uredo behnickiana
 *U. tillandsiae

NORFOLK ISLAND:

Macrophoma araucariae

NORWAY:

Gymnosporangium cornutum
Melampsorium betulinum

OKINAWA:

#Dendrophoma iridis
Guignardia citricarpa
Xanthomonas citri

PAKISTAN:

Guignardia citricarpa
Xanthomonas citri

PANAMA:

Cercospora genipae
C. sapindi
Elsinoe mangiferae
Mycosphaerella cattleyae
 *Puccinia cinnamomae
Septoria citri
 *S. selenophomoides
Sphenospora kevorkianii
 *Tranzschelia discolor

PARAGUAY:

Elsinoe australis

PERU:

Bubakia erythroxylinis
Elsinoe mangiferae
Guignardia citricarpa
 #Prospodium paraguayensis
 #Puccinia crassicutis
Sphenospora kevorkianii
 *Tranzschelia discolor
Uromyces viciae-fabae

PHILIPPINES:

Cercospora angraeci
Guignardia citricarpa
 #Phomopsis bougainvilleae
Phyllostictina musarum
 *Septoria selenophomoides
Xanthomonas citri

POLAND:

*Gnomonia leptostyla
 *Puccinia arenariae
Scirrhia rimosa

PORTUGAL:

Monilinia fructigena
 *Mycosphaerella clintoniana
 *Selenophoma donacis

*First from country

#First interception

COUNTRIES OF ORIGIN AND DISEASES

PUERTO RICO:

Cercospora brachiata
 *C. cajani
 *C. violae
Chaetothyrina tenuissima
Elsinoe mangiferae
E. phaseoli

SAIPAN:

*Phomopsis palmicola

SENEGAL:

*Tilletia barclayana

SINGAPORE:

Guignardia citricarpa
 *Mycosphaerella tassiana
Xanthomonas citri

SOUTH AFRICA:

Ascochyta citri
Coleroa senniana
Didymellina ornithogali
Guignardia citricarpa
Leptosphaeria protearum
Tranzschelia discolor
Uromyces transversalis

SOUTH AMERICA (country-?):

Elsinoe australis

SOVIET UNION:

*Diaporthe arctii
Monilinia fructigena
 *Periconia hispidula
 #Phyllosticta astragali
Septoria citri

SPAIN:

Heterosporium avenae
Monilinia fructigena
 *Mycosphaerella patouillardii

ST. LUCIA:

*Elsinoe mangiferae

SURINAM:

Sphenospora kevorkianii

SWEDEN:

Monilinia fructigena
Mycosphaerella tassiana

SWITZERLAND:

Chrysomyxa ledi var. rhododendri
Elsinoe piri
 *Gnomonia setacea
 *Leptosphaeria eustomoides
Monilinia fructigena
 *Phyllostictina illicicola

THAILAND:

Cercospora angraeci
Guignardia citricarpa
Phyllostictina pyriformis
Septoria selenophomoides
Xanthomonas citri

TRINIDAD:

Elsinoe mangiferae
 *Puccinia psidii
Sphenospora kevorkianii

URUGUAY:

Elsinoe australis

VENEZUELA:

Elsinoe mangiferae
Sphenospora kevorkianii

VIETNAM:

Guignardia citricarpa
 *Phaeoseptoria oryzae
Xanthomonas citri

YUGOSLAVIA:

Marssonina juglandis
 *M. ochroleuca

UNKNOWN:

Ascochyta citri
Bubakia erythroxylois
Cercospora kalmiae
Diplodia epicocos
Elsinoe australis
E. mangiferae
Guignardia citricarpa
G. galactina
Kuehneola uredinis
Monilinia fructigena
Phyllosticta berlinensis
Phyllostictina musarum
Puccinia arenariae
Puccinia buxi
Septoria citri
Tilletia barclayana
Tranzschelia discolor
Trullula olivascens
Uromyces viciae-fabae
Xanthomonas citri

*First from country
 #First interception

TABULATION OF NEMATODES

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
* <u>Aphelenchoides blastophthorus</u> Franklin, 1952..... <u>Convallaria majalis</u> (bulbs) <u>Trollius</u> sp. (bud)	*Germany. *Netherlands.	....	....	4	Calif., N. J.
<u>Aphelenchoides fragariae</u> (Ritzema Bos, 1891) Christie 1932..... <u>Aconitum napellus</u> (bud) <u>Anemone vitifolia</u> (bud) <u>Astilbe</u> sp. (bud) <u>Bletilla hyacinthina</u> (bud) <u>Cimicifuga</u> sp. (bud) <u>Epimedium</u> sp. (bud) <u>Heuchera bracteata</u> (bud) <u>Heuchera</u> sp. (bud) <u>Paeonia moutan</u> (bud) <u>P. officinalis</u> (bud) <u>Paeonia</u> sp. (bud) <u>Senecio</u> sp. (bud)	England, Germany, Japan, Netherlands.	....	....	16	Calif., N. J., Oreg. Wash.
* <u>Aphelenchoides ritzema-bosi</u> (Schwartz, 1911) Steiner, 1932..... <u>Adonis amurensis</u> (bud) <u>Allium cernuum</u> (bulb) <u>Heliopsis</u> sp. (bud) <u>Macrotomia echioides</u> (bud) <u>Papaver</u> sp. (bud)	England, *Netherlands.	....	....	5	N. J.
# <u>Ditylenchus convallariae</u> Sturhan & Friedman, 1965..... <u>Convallaria majalis</u> (bulb)	Germany.....	....	....	1	Calif.
<u>Ditylenchus destructor</u> Thorne, 1945..... <u>Helenium</u> sp. (root) <u>Thalictrum</u> sp. (root)	England, Netherlands..	....	....	2	N. J.
* <u>Ditylenchus dipsaci</u> (Kuhn, 1857) Filipjev, 1936..... <u>Allium sativum</u> (garlic) root) <u>Narcissus</u> sp. (bulb)	*Australia, Mexico.....	1	....	4	Ariz., N. J.
<u>Heterodera avenae</u> Wollenweber, 1924..... Soil with aircraft Soil with automobile and tractor Soil with <u>Muscari commonsum</u> (waterhyacinth) Soil with propagative material: (<u>Calluna vulgaris</u> , <u>Cycas</u> sp., <u>Dianthus caryophyllus</u> , <u>Lavandula</u> sp., <u>Pelargonium</u> sp., <u>Phlox</u> sp., <u>Pinus parviflora</u> , <u>Salvia</u> sp., <u>Thymus</u> sp., <u>Trifolium repens</u> cv.) Soil with shoes Soil with stores: (<u>Brassica rapa</u> , <u>Daucus carota</u> var. <u>sativa</u> , <u>Solanum tuberosum</u>)	Austria, Belgium England, Germany, Ireland, Italy, Japan Scotland, Spain.	31	6	9	Calif., Ill., N. Y., Pa., Va., Wash.
<u>Heterodera cruciferae</u> Franklin, 1945..... Soil with stores: (<u>Beta vulgaris</u>)	England.....	....	1	....	Va.
<u>Heterodera fici</u> Kirjanova, 1954..... Soil with propagative material: (<u>Ficus carica</u>)	Italy.....	....	....	1	N. Y.
* <u>Heterodera galeopsidis</u> Goffart, 1936..... Soil with automobile and tractor Soil with propagative material: (<u>Salvia</u> sp.)	England, Europe (country-?), *France, *Sweden.	14	....	1	Oreg., Wash.
<u>Heterodera humuli</u> Filipjev, 1934..... Soil with propagative material: (<u>Humulus lupulus</u> , <u>Humulus</u> sp.)	England, Germany.....	....	....	2	Ill., N. J.
* <u>Heterodera oryzae</u> Luc & Berdon, 1961..... Soil with cargo Soil with <u>Oryza sativa</u> (rice plant) Soil with vehicles	*Vietnam.....	12	....	....	Ala., Calif.
<u>Heterodera punctata</u> Thorne, 1928..... Soil Soil with automobile and tractor Soil with propagative material: (<u>Thymus</u> sp., <u>Tripolium repens</u> cv. and unidentified plants) Soil with stores: (<u>Daucus carota</u> var. <u>sativa</u> , <u>Solanum tuberosum</u>) Soil with shoes Soil with <u>Solanum tuberosum</u> (potato)	Belgium, England, Europe (country-?), Finland, France, Germany, Ireland, Poland, Switzerland.	12	2	9	Minn., N. C., N. Y., Oreg., Pa., Tex., Va., Wash.

*First from country
#First interception

TABULATION OF NEMATODES

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Heterodera trifolii</i> Goffart, 1932..... Soil with automobile	Europe (country-?)....	1	....	....	Wash.
<i>Heterodera rostochiensis</i> Wollenweber, 1923..... Soil Soil with <i>Allium sativum</i> (garlic) Soil with automobile Soil with propagative material: (<i>Aster</i> sp., <i>Begonia</i> sp., Bromeliad plant, <i>Buxus sempervirens</i> , <i>Calluna vulgaris</i> , <i>Cedrus</i> sp., Cruciferaceae, <i>Cyclamen</i> sp., <i>Fragaria</i> sp., <i>Hydrangea</i> sp., <i>Narcissus</i> <i>pseudonarcissus</i> , <i>Pelargonium</i> sp., <i>Picea</i> sp., <i>Primula</i> sp., <i>Salvia</i> sp., <i>Trifolium repens</i> cv., and unidentified plant) Soil with stores: (<i>Allium ampeloprasum</i> , <i>Apium graveolens</i> var. <i>rapaceum</i> , <i>Brassica rapa</i> , <i>Daucus carota</i> var. <i>sativa</i> , <i>Solanum tuberosum</i>) Soil with <i>Solanum tuberosum</i> (potato)	Belgium, England, France, Germany, Latvia, Netherlands, Iceland, Ireland, Italy, Peru, Poland, Scotland, Spain, Sweden, Wales, Unknown.	4	19	27	Calif., Fla., Ill., Mass., Md., Mich., N. C., N. J., N. Y., Tex., Va., Wash.
<i>Meloidogyne arenaria arenaria</i> (Neal, 1889) Chitwood, 1949.....	Argentina, Brazil, Dominican Republic.	1	....	3	D. C., N. Y.
<i>Arachis marginata</i> (root) <i>A. villosulicarpa</i> (root) <i>Zingiber officinale</i> (ginger) root					
<i>Meloidogyne napia</i> Chitwood, 1949.....	Belgium, England, France, Italy, Japan, Netherlands, New Zealand, Switzerland.	....	1	10	Calif., N. J., N. Y.
<i>Aloe</i> sp. (root) <i>Anemone nobilis</i> (root) <i>Apium graveolens</i> var. <i>dulce</i> (celery) root <i>Clematis</i> sp. (root) <i>Hacquetia epipactis</i> (root) <i>Paeonia</i> sp. (root) <i>Primula sieboldi</i> (root) <i>Scabiosa pteroccephala</i> (root) <i>Teucrium fruticans</i> (Bush garmander root)					
<i>Meloidogyne incognita acrita</i> Chitwood, 1949..... <i>Caladium</i> sp. (bulb) <i>Coriandrum sativum</i> (coriander) root <i>Crassula tetragona</i> (root) <i>Hibiscus</i> sp. (root) <i>Momilaria</i> sp. (root) <i>Pachyrhizus tuberosus</i> (West Indies yambean) <i>Pachyrhizus</i> sp. (yambean) root	Asia (country-?), Colombia, France, Italy, Mexico, Trinidad.	5	....	2	Calif., Fla., Md., N. J., N. Y.
<i>Meloidogyne incognita incognita</i> (Kofoid & White, 1919) Chitwood, 1949..... <i>capsicum</i> sp. (pepper) root <i>Pachyrhizus tuberosus</i> (West Indies yambean) <i>Portulaca</i> sp. (root) <i>Trachycarpus excelsus</i> (root) <i>Zingiber officinale</i> (ginger) root	Dominican Republic, Hawaii, Japan,	7	....	2	Calif., N. Y., Wash.
<i>Meloidogyne javanica javanica</i> (Treub, 1885) Chitwood, 1949..... Cactus (root) <i>Solanum tuberosum</i> (potato) tuber <i>Zingiber officinale</i> (ginger) root	Brazil, Dominican Republic, South Africa.	1	1	1	N. Y., Pa.
<i>Pratylenchus coffeae</i> (Zimmermann, 1898) Filipjev & Schuurmans Stekhoven, 1941..... <i>Dioscorea</i> sp. (yam) <i>Gardenia</i> sp. (plant)	Jamaica, Mexico.....	1	....	1	N. Y., Tex.
* <i>Pratylenchus convallariae</i> Seinhorst, 1959..... <i>Convallaria majalis</i> (bulb)	*Germany.....	....	....	1	Calif.
<i>Pratylenchus penetrans</i> (Cobb, 1917) Filipjev & Schuurmans Stekhoven, 1949..... <i>Iris siberica</i> (iris) rhizome	France.....	....	....	1	N. J.
* <i>Radopholus similis</i> (Cobb, 1893) Thorne, 1949..... <i>Anthurium andraenum</i> (anthurium) plant	*Guam.....	....	....	1	Hawaii
<i>Rotylenchus robustus</i> (de Man, 1876) Filipjev, 1936.... <i>Calluna vulgaris</i> (heather) plant <i>Iris siberica</i> (iris) rhizome	France, Germany.....	....	....	2	N. J., N. Y.
<i>Scutellonema brachyurum</i> (Steiner, 1938) Andrassy, 1958..... <i>Betula pendula</i> (European white birch) plant	Finland.....	....	....	1	Calif.

*First from country
#First interception

HOSTS AND NEMATODES

ACONITUM:	CORIANDRUM:	PAEONIA:
<u>Aphelenchoides fragariae</u>	<u>Meloidogyne incognita acrita</u>	<u>Aphelenchoides fragariae</u>
ADONIS:	CRASSULA:	<u>Meloidogyne hapla</u>
<u>Aphelenchoides ritzema-bosi</u>	<u>Meloidogyne incognita acrita</u>	PAPAVER:
ALOE:		* <u>Aphelenchoides ritzema-bosi</u>
<u>Meloidogyne hapla</u>		PORTULACA:
ALLIUM:	DIOSCOREA:	<u>Meloidogyne incognita incognita</u>
<u>Aphelenchoides ritzema-bosi</u>	<u>Pratylenchus coffeae</u>	PRIMULA:
<u>Ditylenchus dipsaci</u>		<u>Meloidogyne hapla</u>
ANEMONE:	EPIMEDIUM:	
<u>Aphelenchoides fragariae</u>	<u>Aphelenchoides fragariae</u>	
<u>Meloidogyne hapla</u>		SCABIOSA:
ANTHURIUM:		<u>Meloidogyne hapla</u>
* <u>Radopholus similis</u>	GARDENIA:	SENECIO:
APIUM:	<u>Pratylenchus coffeae</u>	<u>Aphelenchoides fragariae</u>
<u>Meloidogyne hapla</u>		SOIL:
ARACHIS:	HACQUELIA:	<u>Heterodera avenae</u>
<u>Meloidogyne arenaria arenaria</u>	<u>Meloidogyne hapla</u>	<u>H. cruciferae</u>
ASTILBE:	HELENIUM:	<u>H. fici</u>
<u>Aphelenchoides fragariae</u>	<u>Ditylenchus destructor</u>	* <u>H. galeopsidis</u>
	HELIOPSIS:	<u>H. humuli</u>
BETULA:	* <u>Aphelenchoides ritzema-bosi</u>	* <u>H. oryzae</u>
* <u>Scutellonema brachyurum</u>	HEUCHERA:	<u>H. punctata</u>
BLETTILLA:	<u>Aphelenchoides fragariae</u>	<u>H. rostockiensis</u>
<u>Aphelenchoides fragariae</u>	HIBISCUS:	<u>H. trifolii</u>
	<u>Meloidogyne incognita acrita</u>	SOLANUM:
CACTUS:		<u>Meloidogyne javanica javanica</u>
<u>Meloidogyne javanica javanica</u>	IRIS:	
CALADIUM:	<u>Pratylenchus penetrans</u>	TEUCRIUM:
<u>Meloidogyne incognita acrita</u>	<u>Rotylenchus robustus</u>	<u>Meloidogyne hapla</u>
CALLUNA:	MACROTONIA:	THALICTRUM:
<u>Rotylenchus robustus</u>	<u>Aphelenchoides ritzema-bosi</u>	<u>Ditylenchus destructor</u>
CAPSICUM:	MOMILARIA:	TRACHYCARPUS:
<u>Meloidogyne incognita incognita</u>	<u>Meloidogyne incognita acrita</u>	<u>Meloidogyne incognita incognita</u>
CIMICIFUGA:		TROLLIUS:
<u>Aphelenchoides fragariae</u>	NARCISSUS:	* <u>Aphelenchoides blastophthorus</u>
CLEMATIS:	* <u>Ditylenchus dipsaci</u>	
<u>Meloidogyne hapla</u>		ZINGIBER:
CONVALLARIA:	PACHYRHIZUS:	<u>Meloidogyne arenaria arenaria</u>
* <u>Aphelenchoides blastophthorus</u>	<u>Meloidogyne incognita acrita</u>	<u>M. incognita incognita</u>
# <u>Ditylenchus convallariae</u>	<u>M. incognita incognita</u>	<u>M. javanica javanica</u>
* <u>Pratylenchus convallariae</u>		

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COUNTRIES OF ORIGIN AND NEMATODES

ARGENTINA:

Meloidogyne arenaria arenaria
ASIA (country-?):

Meloidogyne incognita acrita
AUSTRALIA:

*Ditylenchus dipsaci

AUSTRIA:

Heterodera avenae

BELGIUM:

Heterodera avenae

H. punctata

H. rostochiensis

Meloidogyne hapla

BRAZIL:

Meloidogyne arenaria arenaria

M. javanica javanica

COLOMBIA:

Meloidogyne incognita acrita

DOMINICAN REPUBLIC:

Meloidogyne arenaria arenaria

M. incognita incognita

M. javanica javanica

ENGLAND:

Aphelenchoides fragariae

A. ritzema-bosi

Ditylenchus destructor

Heterodera avenae

H. cruciferae

H. galeopsidis

H. humuli

H. punctata

H. rostochiensis

Meloidogyne hapla

EUROPE (country-?):

Heterodera galeopsidis

H. punctata

H. trifolii

FINLAND:

Heterodera punctata

*Scutellonema brachyurum

FRANCE:

*Heterodera galeopsidis

H. punctata

H. rostochiensis

Meloidogyne hapla

M. incognita acrita

Pratylenchus penetrans

Rotylenchus robustus

GERMANY:

*Aphelenchoides blastophyrhorus

A. fragariae

#Ditylenchus convallariae

Heterodera avenae

H. humuli

H. punctata

H. rostochiensis

*Pratylenchus convallariae

Rotylenchus robustus

GUAM:

*Radopholus similis

HAWAII:

Meloidogyne incognita incognita

ICELAND:

Heterodera rostochiensis

IRELAND:

Heterodera avenae

H. punctata

H. rostochiensis

ITALY:

Heterodera avenae

H. fici

H. rostochiensis

Meloidogyne hapla

M. incognita acrita

JAMAICA:

Pratylenchus coffeae

JAPAN:

Aphelenchoides fragariae

Heterodera avenae

Meloidogyne hapla

M. incognita incognita

LATVIA:

Heterodera rostochiensis

MEXICO:

Ditylenchus dipsaci

Meloidogyne incognita acrita

M. incognita incognita

Pratylenchus coffeae

NETHERLANDS:

*Aphelenchoides blastophthorus

A. fragariae

*A. ritzema-bosi

Ditylenchus destructor

Heterodera rostochiensis

Meloidogyne hapla

NEW ZEALAND:

Meloidogyne hapla

PERU:

Heterodera rostochiensis

POLAND:

Heterodera punctata

H. rostochiensis

SCOTLAND:

Heterodera avenae

H. rostochiensis

SOUTH AFRICA:

Meloidogyne javanica

SPAIN:

Heterodera avenae

H. rostochiensis

SWEDEN:

*Heterodera galeopsidis

H. rostochiensis

SWITZERLAND:

Heterodera punctata

Meloidogyne hapla

TRINIDAD:

Meloidogyne incognita acrita

VIETNAM:

*Heterodera oryzae

WALES:

Heterodera rostochiensis

UNKNOWN:

Heterodera rostochiensis

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